

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

E. LESTER JONES, SUPERINTENDENT

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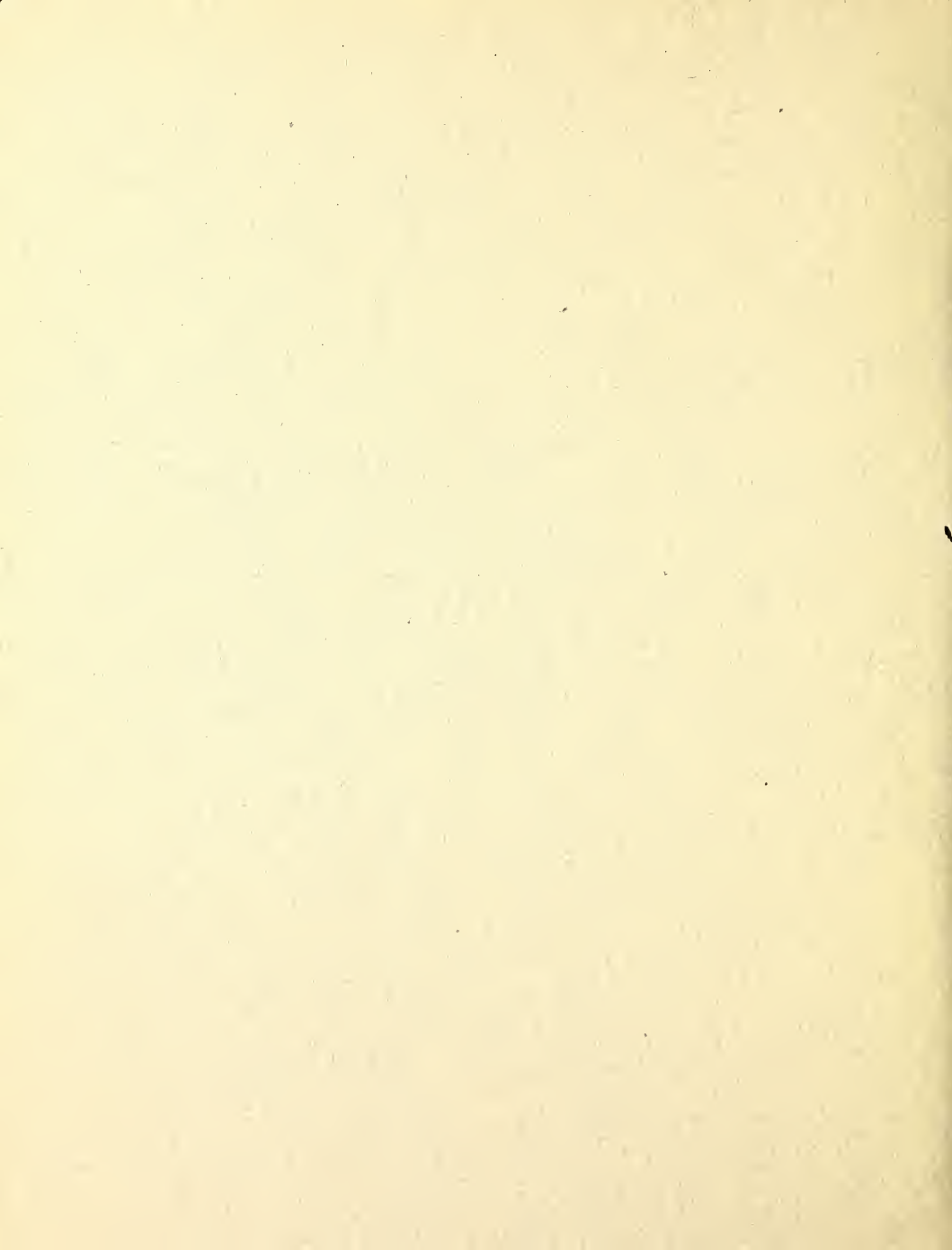
CATALOGUE  
OF  
CHARTS, COAST PILOTS, AND  
TIDE TABLES

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1918



WASHINGTON  
GOVERNMENT PRINTING OFFICE  
1917



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NOTE.—Copies of this Catalogue can be obtained, **FREE OF CHARGE**, upon application at any of the Sale Agencies, or by letter addressed to the Superintendent of the Coast and Geodetic Survey, Washington, D. C.

## PUBLICATIONS OF THE COAST AND GEODETIC SURVEY.

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**Annual Reports.**—These consist of a review of the progress of the work during the year, and an abstract of work done in the field and in the office, with sketches illustrating the progress of the work. Professional papers relating to the methods and results are published separately.

### FOR SALE.

**Charts.**—See explanatory note, page 12.

**Coast Pilots.**—A series of volumes covering the coasts of the United States, Alaska, and the insular possessions, containing descriptions of the coasts and harbors, aids to navigation, harbor regulations and facilities, sailing directions, and other general information for the use of mariners, have been published. These are corrected to date of issue as nearly as practicable, and new editions are issued from time to time. (See p. 10.)

**Inside Route Pilots.**—These contain information similar to that found in the Coast Pilots, but designed particularly to meet the needs of motor-boatmen, have been prepared covering the inside waters of the Atlantic and Gulf coasts, and new editions are issued at frequent intervals. (See p. 10.)

**Tide Tables.**—The predicted time and height of the tide at the principal ports of the United States and at many foreign ports are given in these tables for every day of the year, with a table of differences, by means of which the times and heights at intermediate ports may be ascertained. Reprints of the tables for the Atlantic and Pacific coasts of the United States are issued separately. (See p. 11.)

Agencies for the sale of these charts, Coast Pilots, and Tide Tables have been established in many ports of the United States and in some foreign ports. See list of agencies on pages 7 to 9. They can also be purchased at the office of the Coast and Geodetic Survey, Washington, D. C. If ordered by mail, prepayment is obligatory; remittances should be by postal money order, express order, or certified check payable to the "United States Coast and Geodetic Survey," and not to any individual by name; postage stamps can not be accepted; the sending of money in an unregistered letter is unsafe; only catalogue numbers of charts need be mentioned. Publications mailed free of postage.

### FOR FREE DISTRIBUTION.

All other publications of the Coast and Geodetic Survey.

For **Catalogue of Charts** and List and Catalogue of all the publications of the Survey, 1816-1902, apply to the Superintendent of the Survey at Washington, D. C.

**Notices to Mariners.**—Corrections to be applied to charts to keep them up to date are included in the Notice to Mariners, published weekly by the Bureau of Lighthouses and the Coast and Geodetic Survey. Announcements of new charts, new editions of charts, charts canceled, editions canceled, and of the various new publications of the Survey are made in these "Notices." Apply to the Superintendent of the Survey at Washington, D. C., the agencies of the Coast and Geodetic Survey, U. S. Customhouses, the Hydrographic Office of the U. S. Navy at Washington, D. C., the Branch Hydrographic Offices, the Bureau of Lighthouses at Washington, D. C., the Inspectors of the Lighthouse Districts, and the U. S. Consulates in foreign ports. Locations and addresses of Branch Hydrographic Offices and of Inspectors of Lighthouse Districts are given in the "Notices."

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Notices to Mariners and Sailing Directions (see p. 11) relating to the Philippine Islands are issued from time to time at the Coast and Geodetic suboffice in Manila, P. I., and can be obtained from that office and from the Superintendent of the Survey at Washington.

# EXPLANATION OF DATES ON UNITED STATES COAST AND GEODETIC SURVEY CHARTS.

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All United States Coast and Geodetic Survey charts bear below the border line a note indicating the date on which they were issued from its office in Washington, D. C. The old form of this note, still on many charts, is—

Lights, beacons, and buoys corrected  
for information received to  
(date.)

Another form of this note is as follows:

LATEST CORRECTION TO CHART  
LIGHTS, BEACONS, BUOYS, AND DANGERS  
CORRECTED TO DATE OF ISSUE (date).

The most recent form of this note is as follows:

LIGHTS, BEACONS, BUOYS, AND DANGERS CORRECTED  
FOR INFORMATION RECEIVED TO DATE OF ISSUE (date).

It should be understood that no additional information relative to lights, beacons, buoys, and dangers which could be charted had been received previous to this date. It is therefore unnecessary for a mariner to examine his file of Notice to Mariners of date prior to the date of issue of the chart for such corrections.

Other dates which appear on these charts are of less importance to mariners, but are necessary for the identification of the edition and print of the chart, and should be understood by those who use the chart.

A note, known as the authority note, gives the dates (years) of the surveys from which the chart was constructed.

The old form of this note, still on many of the charts, is—

TRIANGULATION EXECUTED (date).  
TOPOGRAPHY EXECUTED (date).  
HYDROGRAPHY EXECUTED (date).  
CORRECTED FROM SURVEYS BY THE CORPS OF ENGINEERS, UNITED STATES ARMY (date).

This is being superseded as rapidly as possible by the following form:

AUTHORITIES:  
SURVEYS (date).  
SURVEYS BY U. S. ENGINEERS (date).

The surveys are by the United States Coast and Geodetic Survey unless otherwise stated. The dates in this note remain unchanged until a new edition of the chart is published.

When a new chart is issued, the date (month and year) is printed in the publication note. The old form of this note, still on many of the charts, is—

PUBLISHED AT WASHINGTON, D. C.  
(date)

BY THE U. S. COAST AND GEODETIC SURVEY  
(name) *Superintendent*

It will be found usually just below the title. A more recent form of this note is—


WASHINGTON, D. C.  
COAST AND GEODETIC SURVEY  
(date)

placed just below the border in a central position. Both forms are being superseded as rapidly as possible by the following:

PUBLISHED AT WASHINGTON, D. C. (date)  
BY THE U. S. COAST AND GEODETIC SURVEY  
E. LESTER JONES, *Superintendent*

which is always placed just below the border of the chart and as near a central position as possible. The date in this note remains unchanged until an extensive correction is made on the plate from which the chart is printed. The date is then changed and the issue is known as a new edition.

When a correction, not of sufficient importance to require a new edition, is made to a chart plate, the year, month, and day are noted below the border in the left-hand corner of the chart, thus: 14-6/30, 7/22, 15-2/3, 5/27.



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# AGENCIES FOR THE SALE OF THE CHARTS, COAST PILOTS, AND TIDE TABLES OF THE COAST AND GEODETIC SURVEY,

AND FOR THE FREE DISTRIBUTION OF ITS NOTICES TO MARINERS, CHART CATALOGUES,  
AND TABLE OF DEPTHS.

## MAINE—

Bar Harbor: Fifield & Joy.  
Bath: \*Charles A. Harriman, 106 Front Street.  
Belfast: \*Newton S. Lord, 31 Front Street.  
Boothbay Harbor: R. G. Hodgdon.  
Camden: The Village Shop, 25 Main Street.  
Eastport: L. S. Wadsworth & Son, 5-8 Central Wharf.  
Jonesport: E. B. Sawyer.  
Machiasport: Willard S. Cates.  
Millbridge: E. W. Wallace.  
Northeast Harbor: The A. G. Bain Co.  
North Haven: C. S. Staples.  
Portland: \*Wm. Senter & Co., 51 Exchange Street.  
Rockland: \*Huston-Tuttle Book Co., 405 Main Street.  
Vinal Haven: L. M. Treat.

## NEW HAMPSHIRE—

Portsmouth: W. S. Jackson.

## MASSACHUSETTS—

Boston:  
\*W. E. Hadlock & Co., 132 State Street.  
\*C. C. Hutchinson, 154 State Street.  
Gloucester:  
George H. Bibber, 161 Main Street.  
Jeremiah Foster, 150 Main Street.  
F. S. Thompson, 164 Main Street.  
New Bedford:  
A. C. Smith, 27 William Street.  
Briggs & Beckman, 31-35 Commercial Street.  
Vineyard Haven: E. R. Tilton.

## RHODE ISLAND—

Block Island: \*C. C. Ball.  
Newport:  
\*J. T. O'Connell, 89 Long Wharf.  
\*W. H. Tibbetts, 185 Thames Street.  
Providence: \*Goff & Page, customhouse.

## CONNECTICUT—

Bridgeport: \*J. H. Shannon, customhouse.  
Hartford: \*Robert D. Stevens, customhouse.  
Middletown: Hazen's Bookstore, 198 Main Street.  
New Haven: \*Edward A. Welch, customhouse.  
New London:  
\*Edwin Keeney & Co., corner Bank and State Streets.  
The Darrow & Comstock Co., 114 Bank Street.  
South Norwalk: Chas. J. Prescott.  
Stamford: Fred. A. Taff, 343 Atlantic Street.  
Stonington: James H. Stivers, 72 Water Street.

## NEW YORK—

Albany: B. Lodge & Co., 91 North Pearl Street.  
Greenport: George B. Preston.  
Huntington: H. Huntington Hardware Co.

## NEW YORK—Continued.

New York:  
\*T. S. & J. D. Negus, 140 Water Street.  
\*John Bliss & Co., 128 Front Street.  
\*R. Merrill's Sons, 66 South Street.  
\*Michael Rupp & Co., 112 Broad Street.  
\*Rand, McNally & Co., 40-42 East Twenty-second Street.  
\*C. S. Hammond & Co., 30 Church Street.  
\*Motor Boat Publishing Co., 110-112 West Fortieth Street.  
\*United States Coast and Geodetic Survey sub-office, room 403, customhouse.  
Northport: Charles S. Mott.  
Sag Harbor: Charles P. Cook.

## DELAWARE—

Wilmington: David A. Hay & Co., 121 Market Street.

## PENNSYLVANIA—

Philadelphia:  
\*Riggs & Bro., 310 Market Street.  
\*Jno. E. Hand & Sons Co., 224 Walnut Street.

## MARYLAND—

Baltimore: \*Jno. E. Hand & Sons Co., 17 South Gay Street.

## DISTRICT OF COLUMBIA—

Washington:  
\*Coast and Geodetic Survey Office.  
Brentano's, 1200 F Street NW.

## VIRGINIA—

Newport News: \*W. L. Shumate & Co., 133 Twenty-fifth Street.  
Norfolk:  
\*William Freeman, 304 Main Street.  
\*Shaffer's Book and Stationery Store, 107 Granby Street.

## NORTH CAROLINA—

Wilmington: Thomas F. Wood, 1 Princess Street.

## SOUTH CAROLINA—

Beaufort: \*P. A. Roper, customhouse.  
Charleston: \*H. B. Kirk, 10 Broad Street.

## GEORGIA—

Brunswick: Minton H. Johnson, customhouse.  
Savannah: \*Geo. I. Morris, customhouse.

## FLORIDA—

Apalachicola: J. E. Grady & Co., Water Street.  
Fernandina: \*S. M. Thompson.  
Fort Myers: James B. Parker.  
Jacksonville: \*The H. & W. B. Drew Co.  
Key West: \*Alfred Brost, customhouse.

\*Quarterly agent. In general, quarterly agents carry in stock a greater variety of charts and publications than are usually carried by cash agents.

**FLORIDA**—Continued.

Miami: Frank T. Budge.  
 Pensacola: \*McKenzie Oerting & Co., 603 Palafox Street.  
 Sarasota: Frederic A. Riegel.  
 Tampa: \*Tampa Book & News Co.  
 Tarpon Springs: \*Webster Little.  
 West Palm Beach: Palm Beach Mercantile Co.

**ALABAMA**—

Mobile: \*The Emerald Co. (Inc.), 207 Dauphin Street.

**LOUISIANA**—

New Orleans:  
 \*Woodward, Wight & Co., corner Howard Avenue and Constance Street.  
 \*Kokosky & Co., 614 Gravier Street.  
 J. S. Sareussen, 619 Godchaux Building.

**TEXAS**—

Galveston:  
 \*Charles F. Trube, 2415 Market Street.  
 \*Purdy Bros., 2217 Market Street.  
 \*U. S. C. & G. Survey suboffice, 413 Security Building.

**CUBA**—

Habana: Hillebrand y Menció, 10 Mercaderes.

**PORTO RICO**—

San Juan: Mrs. J. A. Rose, care of Chief Clerk, U. S. Lighthouse Service.

**CANAL ZONE**—

Cristobal: \*Captain of the Port.

**ARGENTINA**—

Buenos Aires: Rodolfo Bösenberg, Victoria 824.

**ILLINOIS**—

Chicago: Rand, McNally & Co., 168 Adams Street.

**CALIFORNIA**—

Eureka: \*James E. Mathews, 423 F Street.  
 Long Beach: Floyd T. Voris.  
 Los Angeles:  
 \*Cunningham, Curtiss & Welch Co., 252 South Spring Street.  
 \*Marine Equipment Co. (Inc.), 729 South Los Angeles Street.  
 San Diego: \*Arey-Jones Co., 933 Fourth Street.  
 San Francisco:  
 \*Louis Weule Co., 6 California Street.  
 \*Geo. E. Butler, Alaska Commercial Building, corner California and Sansome Streets.  
 \*H. J. H. Lorenzen, 12 Market Street.  
 \*A. Lietz Co., 61 Post Street.  
 \*U. S. C. & G. Survey suboffice, room 310, custom-house.

San Pedro:  
 \*Marine Hardware Co., 509 Beacon Street.  
 J. C. Rudbach, 223-225 Sixth Street.  
 A. K. Maloy, 415 Beacon Street.  
 Santa Barbara: Osborn's Book Store, 923-925 State Street.

**OREGON**—

Astoria: \*Victor Rost.

\*Quarterly agent. In general, quarterly agents carry in stock a greater variety of charts and publications than are usually carried by cash agents.

**OREGON**—Continued.

Marshfield: Norton & Hansen Stationery Co., 216 Front Street North.  
 Portland: \*The Beebe Co., 182-186 West Morrison Street.

**WASHINGTON**—

Aberdeen: Evans Drug Co.  
 Anacortes: S. D. Temple & Co., 610 Commercial Avenue.  
 Bellingham:  
 \*Edward T. Mathes.  
 Union Printing, Binding & Stationery Co., 1211 Elk Street.  
 Blaine: Loomis Store Co.  
 Everett: Adam Hill, 2929 Colby Avenue.  
 Friday Harbor: E. F. Harpst.  
 Olympia: Winstanley & Blankenship.  
 Port Townsend:  
 \*W. J. Fritz, 320 Water Street.

**Seattle**:

\*Lowman & Hanford Co., 616 First Avenue.  
 \*Max Kuner Co., 304 First Avenue.  
 \*G. Benninghausen, 103 Cherry Street.  
 \*U. S. C. & G. Survey suboffice, room 202 Burke Building.  
 Pacific Net & Twine Co., Pier 8.  
 Tacoma: \*Cole-Martin Co., 926 Pacific Avenue.

**ALASKA**—

Cordova: \*Northern Drug Co.  
 Haines: N. G. Hanson.  
 Juneau: The Old Post Office Store.  
 Ketchikan: \*Ryus Drug Co.  
 Kodiak: W. J. Erskine Co.  
 Petersburg: Petersburg Packing Co.  
 Seward: The Seward News Co.  
 Sitka: Chas. M. McGrath.  
 Valdez: Owl Drug Co.  
 Wrangell: F. Matheson.

**HAWAII**—

Honolulu: Hawaiian News Co.

**PHILIPPINE ISLANDS**—

Cebu: Pacific Commercial Co.  
 Iloilo: Hoskyn & Co.  
 Manila:  
 \*C. & G. Survey Office.  
 Luzon Stevedoring Co., water front, foot of Calle Madrid.

**CANADA**—

Montreal, Quebec: Harrison & Co., 53 Metcalfe Street.  
 Prince Rupert, B. C.: McRae Brothers (Ltd.).  
 Vancouver, B. C.: Clark & Stuart, 441 Hastings Street.  
 Victoria, B. C.: T. N. Hibben & Co.

**CHINA**—

Hongkong: G. Falconer & Co. (Ltd.), Hotel Mansions.

**AUSTRALIA**—

Newcastle, New South Wales: W. H. Sproull & Co.

**FRANCE**—

Paris: Augustin Challamel, Rue Jacob 17.

## SUBOFFICES OF THE COAST AND GEODETIC SURVEY.

New York, N. Y., room 403, customhouse.

Galveston, Tex., room 413, Security Building.

San Francisco, Cal., room 310, customhouse.

Seattle, Wash., room 204, Burke Building.

Manila, P. I., Intendencia Building.

At these offices complete files of United States Coast and Geodetic Survey charts, Coast Pilots, Tide Tables, and other publications relating to navigation may be consulted and information affecting navigation obtained without charge.

Light Lists, Buoy Lists, and Notices to Mariners are kept for free distribution to mariners.

Coast Survey charts, Coast Pilots, and Tide Tables are on sale at these suboffices.



# UNITED STATES COAST PILOT—ATLANTIC COAST.

Parts.	TITLE.	Size and binding.	Date of last edition.	Price.
I-II.	From St. Croix River to Cape Ann, with supplement to March 9, 1917.	4to, canvas.....	1911	\$0. 50
III.	From Cape Ann to Point Judith, with supplement to February 1, 1917.	4to, canvas.....	1912	. 50
IV.	From Point Judith to New York.....	8vo, canvas.....	1914	. 50
C.	Sandy Hook to Cape Henry, including Delaware and Chesapeake Bays.	8vo, canvas.....	1916	. 50
D.	From Cape Henry to Key West, with supplement to March 16, 1917.	8vo, canvas.....	1913	. 50
E.	Gulf of Mexico, from Key West to the Rio Grande.....	8vo, canvas.....	1916	. 50
	Inside Route Pilot: Coast of New Jersey.....	8vo, paper.....	1915	. 20
	Inside Route Pilot: New York to Key West. 3d edition....	8vo, paper.....	1916	. 20
	Inside Route Pilot: Key West to New Orleans.....	8vo, paper.....	1914	. 20

# UNITED STATES COAST PILOT—WEST INDIES.

	TITLE.	Size and binding.	Date of last edition.	Price.
	Porto Rico.....	4to, canvas.....	1906	\$0. 50

# UNITED STATES COAST PILOT—PACIFIC COAST.

	TITLE.	Size and binding.	Date of last edition.	Price.
	California, Oregon, and Washington, with supplement to March 16, 1917.	4to, canvas.....	1909	\$0. 50
	Alaska, Part 1.—Dixon Entrance to Yakutat Bay, with Inland Passage from Juan de Fuca Strait to Dixon Entrance, with supplement to April 28, 1916.	4to, canvas.....	1908	. 50
	Alaska, Part 2.—Yakutat Bay to Arctic Ocean.....	8vo, canvas.....	1916	. 50



## TIDE TABLES.

PUBLISHED ANNUALLY SIX MONTHS IN ADVANCE.

	Price.
General Tide Tables.....	\$0. 50
Atlantic Coast Tide Tables for eastern North America.....	. 10
Pacific Coast Tide Tables for western North America, eastern Asia, and many island groups .....	. 10

## TABLE OF DEPTHS, COAST PILOT NOTES, ETC.

(For free distribution.)

Table of Depths for channels and harbors, coasts of the United States.....	1913
Coast Pilot Notes on Hawaiian Islands.....	1912
Magnetic Chart: Lines of equal magnetic declination (variation of compass) and of equal annual change in the United States for 1915, published in.....	1915
• Magnetic Chart: Lines of equal magnetic declination (variation of compass) and of equal annual change in Alaska for 1910, published in.....	1909
Isogonic Chart of the West Indies for 1915, published in.....	1914
Magnetic Chart: Lines of equal magnetic declination in the Philippine Islands, 1905, published in.....	1905

## SAILING DIRECTIONS, PHILIPPINE ISLANDS.

(For free distribution.)

Section I.—North and west coasts of Luzon and adjacent islands, fourth edition.....	1912
Section II.—Southwest and south coasts of Luzon and adjacent islands, fourth edition.....	1910
Section III.—Coasts of Panay, Negros, Cebu, and adjacent islands, fourth edition.....	1911
Section IV.—Coasts of Samar and Leyte and the east coast of Luzon, fourth edition.....	1912
Section V.—Coasts of Mindanao and adjacent islands, third edition.....	1913
Sections VI and VII.—Mindoro Strait, Palawan Island, and Sulu Sea and Archipelago, third edition.....	1911

## EXPLANATORY NOTES.

The charts embraced in this catalogue are constructed on different scales in order to adapt them to the different conditions of navigation. The small-scale charts include large areas and are suited to offshore navigation, while those on large scale include small areas and are suited to alongshore navigation.

They are classified as follows:

SAILING CHARTS.—Scales from  $\frac{1}{500,000}$  to  $\frac{1}{4,500,000}$ .

They are intended for the use of the navigator to fix his position as he approaches the coast from the open ocean or when sailing between distant coast ports. They show the offshore soundings, the principal lights and outer buoys, and such natural landmarks as may be visible at a considerable distance.

GENERAL CHARTS OF THE COAST.—Scales from  $\frac{1}{300,000}$  to  $\frac{1}{200,000}$ . They are intended for coastwise navigation when the vessel's course would mostly be within sight of land with her position fixed by landmarks, lights, outer buoys, and characteristic soundings.

COAST CHARTS.—Scales from  $\frac{1}{50,000}$  to  $\frac{1}{100,000}$ . They are intended for close coastwise navigation when a vessel's course would carry her inside outlying reefs and shoals; also for entering bays and harbors of considerable width, and for navigating the large inland waterways.

HARBOR CHARTS.—Scales from  $\frac{1}{5,000}$  to  $\frac{1}{40,000}$ . They are intended for navigation of harbors and small waterways.

In the catalogue the charts are arranged in geographical sequence, under the headings, Atlantic Coast, Gulf Coast, West Indies, Canal Zone, Pacific Coast, Hawaiian and Marianas Islands, and Philippine Islands.

Under the Atlantic and Gulf Coasts appear the subheads: First, Sailing Charts; second, General Charts of the Coast; third, Coast and Harbor Charts. The geographical sequence begins at Maine and continues in regular order to Texas.

Under Pacific Coast appear the subheads: First, Sailing Charts; second, General Charts of the Coast and Harbor Charts. The geographic sequence begins at the southern end of California and proceeds northward and westward to Bering Sea.

The limits of the charts are graphically shown on diagrams on adjoining pages. A numerical index of charts is given at the end of the catalogue, also an alphabetical index.

CHARTS.—When issued show all necessary corrections as to lights, beacons, buoys, recently discovered dangers, wrecks, etc., to date of issue, stamped on lower margin of chart, to right of a central position. The date of print of a chart is at lower left corner.

The date of the edition of a chart is printed about midway the lower margin of the chart, but on some of the earlier charts this date is shown on the face of the chart, generally below the title.

All important corrections occurring subsequent to date of issue of a chart will be found in the Notices to Mariners, published weekly by the Bureau of Lighthouses and the Coast and Geodetic Survey. These should be applied, as far as possible, by hand to the charts immediately after receipt of the notices, which are furnished gratis on application.

When new information involving extensive changes is received, new editions of the charts are prepared and printed, the old editions are canceled and should no longer be issued from the agencies.

All the notes on a chart should be read carefully, as in some cases they relate to the aids to navigation or to dangers that can not be clearly charted.

## OFFICIAL CHARTS AND MAPS NOT PUBLISHED BY THE COAST AND GEODETIC SURVEY.

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LAKE SURVEY, WAR DEPARTMENT, Old Customhouse, Detroit, Mich.

Charts of the Great Lakes, Lake Champlain, and of the Saint Lawrence River down to Cornwall, Canada.

MISSISSIPPI RIVER COMMISSION, WAR DEPARTMENT, 1311 International Life Building, St. Louis, Mo.

Charts of the Mississippi River from the head of the passes up to the headwaters of the Mississippi.

HYDROGRAPHIC OFFICE, NAVY DEPARTMENT.

Charts of foreign countries.

GEOLOGICAL SURVEY, DEPARTMENT OF THE INTERIOR.

Topographic and geologic maps.

GENERAL LAND OFFICE, DEPARTMENT OF THE INTERIOR.

Maps of the United States and maps of States and Territories.

TOPOGRAPHER OF THE POST OFFICE DEPARTMENT.

Post route maps of States and Territories.

FOREST SERVICE, DEPARTMENT OF AGRICULTURE.

Maps of National Forests and forested regions.

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The charts and maps referred to above are not furnished by the Coast and Geodetic Survey. For information in regard to them, application should be made to the authorities above mentioned.

## TABLE OF SCALE EQUIVALENTS.

The following table gives the lengths of nautical and statute miles on the several scales named, these scales being the proportionate size of the chart to nature. That is, in the scale  $\frac{1}{1,200}$ , the chart is  $\frac{1}{1,200}$  part of the actual linear dimensions in nature (or 100 feet to the inch), equal to 60.8 inches to a nautical mile, and 52.8 inches to a statute mile, and so on.

A nautical mile is a minute of an average great circle of the earth, and its length is 6,080 feet, or 1,852.2 meters. A statute mile is 5,280 feet, or 1,609.3 meters.

SCALE.	NAUTICAL MILE.		STATUTE MILE.	
	Inches.	Centimeters.	Inches.	Centimeters.
$\frac{1}{1,200}$	60.803	154.44	52.800	134.11
$\frac{1}{2,400}$	30.401	77.22	26.400	67.05
$\frac{1}{4,800}$	15.201	38.61	13.200	33.53
$\frac{1}{5,000}$	14.593	37.06	12.672	32.19
$\frac{1}{10,000}$	7.296	18.53	6.336	16.09
$\frac{1}{15,000}$	4.864	12.36	4.224	10.73
$\frac{1}{20,000}$	3.648	9.27	3.168	8.05
$\frac{1}{30,000}$	2.432	6.18	2.112	5.36
$\frac{1}{40,000}$	1.824	4.63	1.584	4.02
$\frac{1}{50,000}$	1.459	3.71	1.267	3.22
$\frac{1}{60,000}$	1.216	3.09	1.056	2.68
$\frac{1}{80,000}$	0.912	2.32	0.792	2.01
$\frac{1}{100,000}$	0.730	1.85	0.634	1.61
$\frac{1}{200,000}$	0.365	0.93	0.317	0.80
$\frac{1}{400,000}$	0.182	0.46	0.158	0.40
$\frac{1}{1,000,000}$	0.073	0.18	0.063	0.16
$\frac{1}{1,200,000}$	0.061	0.15	0.053	0.13

1 meter = 39.37 inches; 1 centimeter = 0.3937 inch; 1 inch = 2.54 centimeters.

# MISCELLANEOUS MAPS AND PLANS.

NOT ADAPTED FOR THE USE OF NAVIGATORS.

ABBREVIATIONS.—E., Engraved; L., Lithographed; P., Photolithographed.

Catalogue number.	TITLE.	State.		SCALE.		Size of border (inches).	Date.	Price.
				Proportional.	Inches to statute mile.			
376	Delaware and Chesapeake Bays.....	.....	E.	$\frac{1}{400,000}$	1. 18	27 × 36	1915	\$0. 50
3101 to 3190	District of Columbia, city excepted, in 58 sheets.	.....	E.	$\frac{1}{4,800}$	13. 20	14 × 14	{1881 to 1893}	Each. \$0. 10
3035				$\frac{1}{19,800}$	3. 20	21 × 29	1800	. 30
3043	City of Washington.....	D. C.....	E.	$\frac{1}{19,800}$	3. 20	17 × 20	1800	. 30
3035a	City of Washington, by L'Enfant.....	D. C.....	.....	$\frac{1}{15,840}$	4. 00	27 × 47	1790	. 50
3035b	City of Washington, by Dermott.....	D. C.....	.....	$\frac{1}{7,920}$	8. 00	54 × 62	1798	3. 00
3036	Washington City, by W. J. Stone.....	D. C.....	E.	$\frac{1}{12,070}$	5. 25	23 × 31	1863	. 30
3059	Territory of Columbia, by Ellicott.....	D. C.....	.....	$\frac{1}{33,000}$	1. 92	22 × 22	.....	. 25
3081	Birthplace of Washington.....	Virginia.....	P.	$\frac{1}{10,000}$	6. 34	22 × 29	1897	. 20
3032	Part of Bahama Islands, showing tracks ascribed to Columbus.	.....	.....	.....	.....	22 × 36	1881	. 50
3055	San Francisco Peninsula.....	California.....	E.	$\frac{1}{40,000}$	1. 58	18 × 28	1869	. 50



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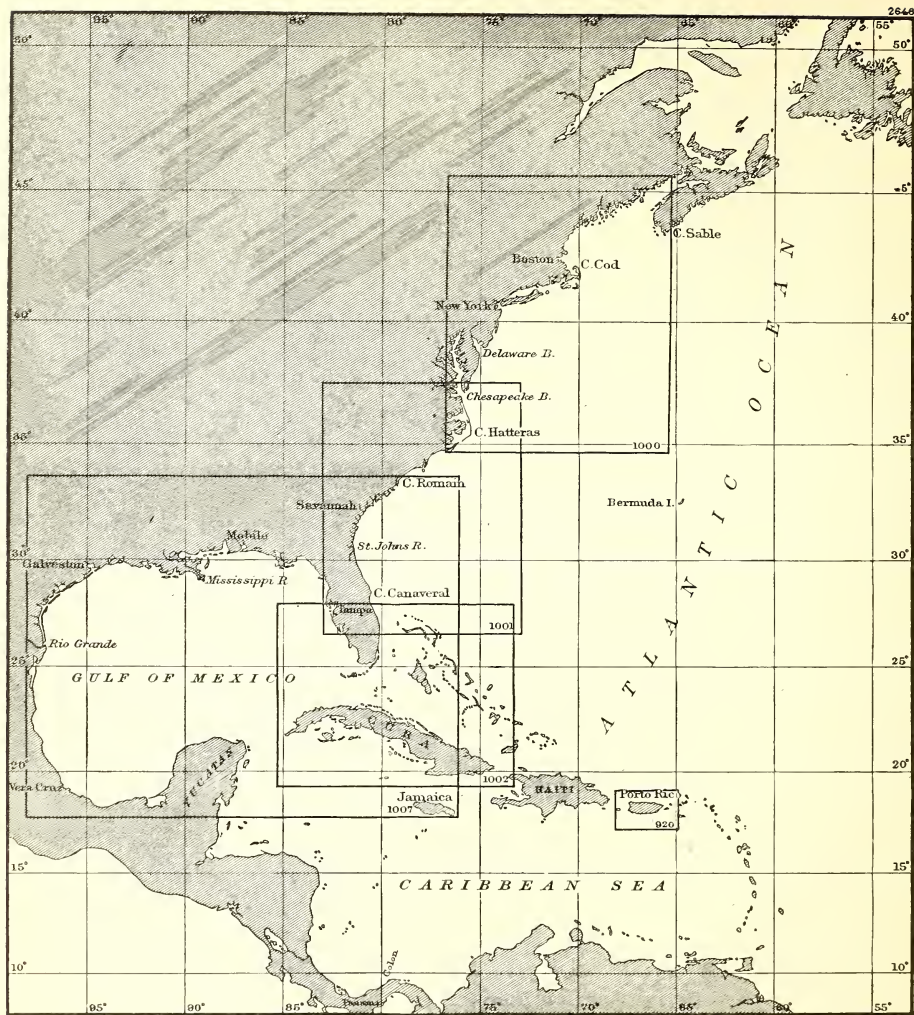
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GEOGRAPHICAL ARRANGEMENT OF CHARTS.

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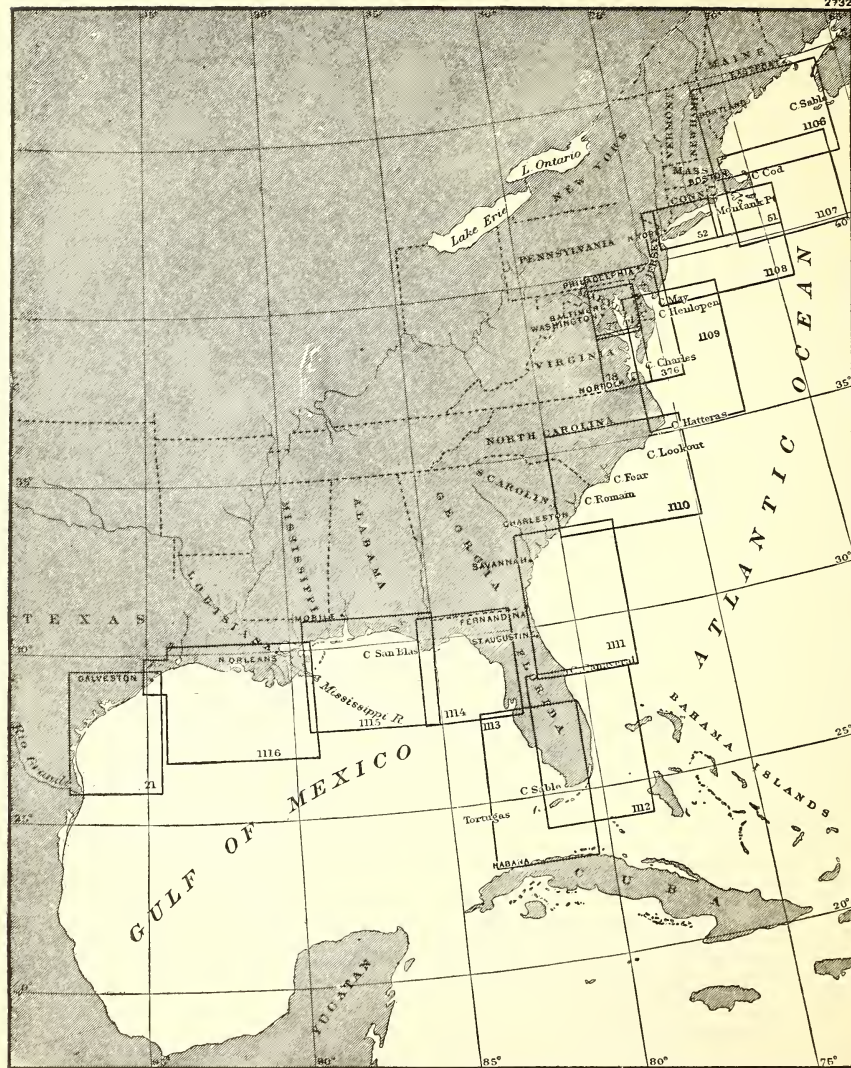




# CHARTS OF THE ATLANTIC AND GULF COASTS.

## GEOGRAPHICALLY ARRANGED.

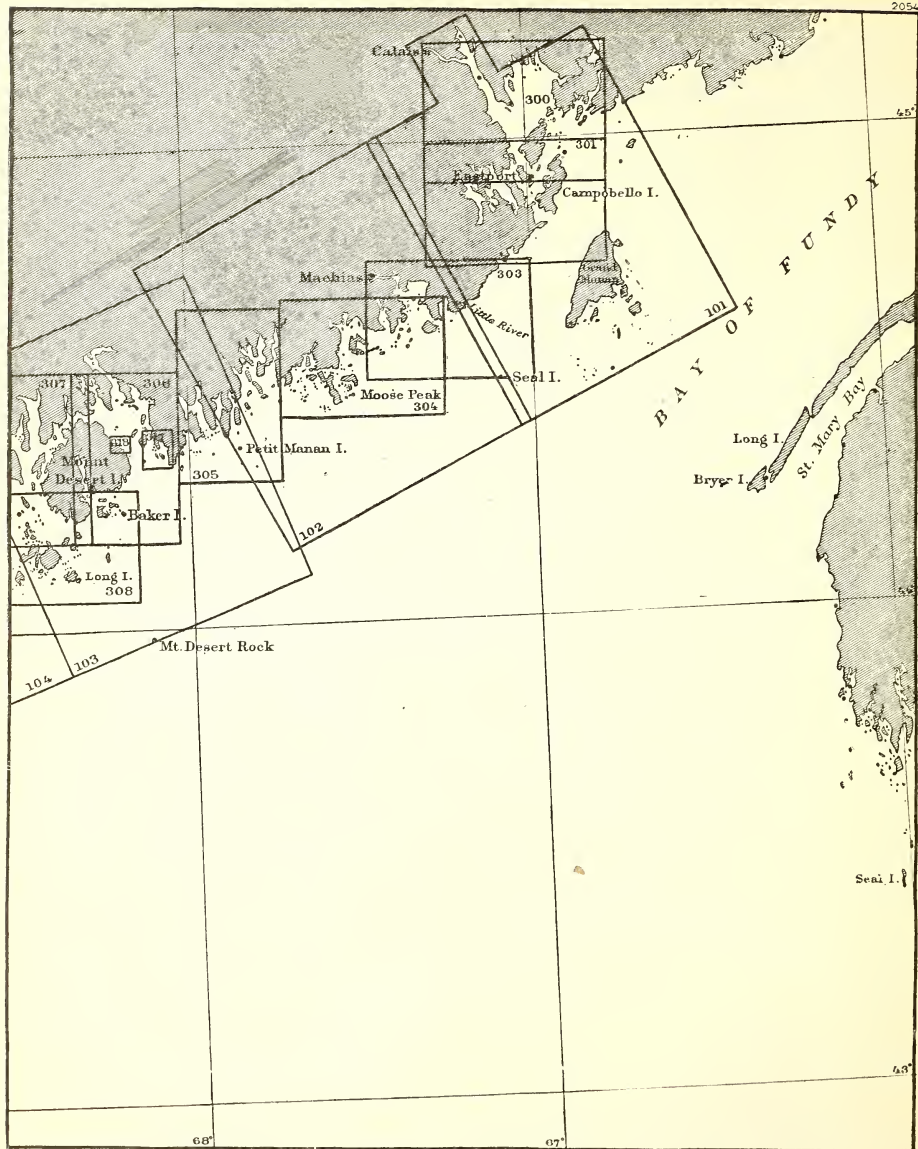
Catalogue number.	TITLE.	SCALE.		Size of border (inches).	Date of last edition.	Price.
		Average.	Inches to degree of mid-latitude			
SAILING CHARTS.						
1000	Cape Sable to Cape Hatteras .....	$\frac{1}{1,200,000}$	3.7	33 × 41	1908	\$0.50
1001	Chesapeake Bay to Straits of Florida .....	$\frac{1}{1,198,000}$	3.7	33 × 41	1913	.50
1002	Straits of Florida and approaches .....	$\frac{1}{1,197,000}$	3.6	33 × 41	1912	.50
1007	Gulf of Mexico .....	$\frac{1}{2,195,000}$	2.0	33 × 41	1908	.50



## ATLANTIC AND GULF COASTS.

## GEOGRAPHICAL ARRANGEMENT.

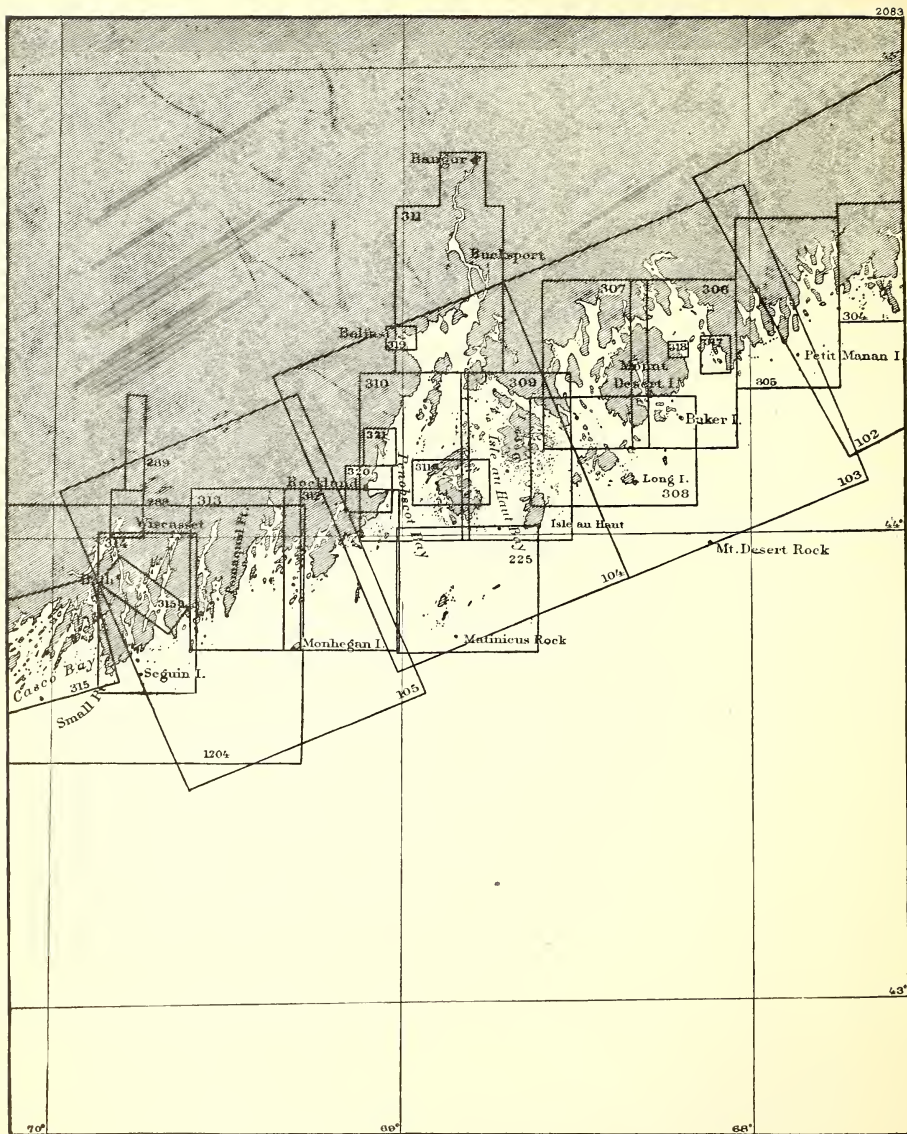
Catalogue number.	TITLE.	SCALE.		Size of border (inches).	Date of last edition.	Price.
		Average.	Inches to nautical mile.			
GENERAL CHARTS OF THE COAST.						
1106	Bay of Fundy to Cape Cod . . . . .	$\frac{1}{400,000}$	0. 18	34 × 44	1917	\$0. 50
1107	Georges Bank and Nantucket Shoals . . . . .	$\frac{1}{400,000}$	0. 18	32 × 37	1913	. 50
1108	Approaches to New York . . . . .	$\frac{1}{400,000}$	0. 18	32 × 47	1913	. 50
376	Delaware and Chesapeake Bays . . . . .	$\frac{1}{400,000}$	0. 18	27 × 36	1915	. 50
77	Chesapeake Bay, northern part . . . . .	$\frac{1}{200,000}$	0. 36	32 × 34	1916	. 50
78	Chesapeake Bay, southern part . . . . .	$\frac{1}{200,000}$	0. 36	31 × 32	1916	. 50
1109	Cape May to Cape Hatteras . . . . .	$\frac{1}{400,000}$	0. 18	31 × 44	1914	. 50
1110	Cape Hatteras to Charleston Light . . . . .	$\frac{1}{400,000}$	0. 18	31 × 44	1914	. 50
1111	Charleston Light to Cape Canaveral . . . . .	$\frac{1}{400,000}$	0. 18	30 × 42	1914	. 50
1112	Cape Canaveral to Key West . . . . .	$\frac{1}{400,000}$	0. 18	29 × 43	1916	. 50
1113	Habana to Tampa Bay . . . . .	$\frac{1}{400,000}$	0. 18	29 × 43	1916	. 50
1114	Tampa Bay to Cape San Blas . . . . .	$\frac{1}{400,000}$	0. 18	28 × 32	1915	. 50
1115	Cape St. George to Mississippi Passes . . . . .	$\frac{1}{400,000}$	0. 18	32 × 39	1913	. 50
1116	Mississippi River to Galveston . . . . .	$\frac{1}{400,000}$	0. 18	30 × 46	1917	. 50
21	Galveston to the Rio Grande . . . . .	$\frac{1}{400,000}$	0. 18	31 × 40	1883	. 50
51	Nantucket Shoals to Montauk Point . . . . .	$\frac{1}{200,000}$	0. 36	34 × 43	1912	. 50
52	Montauk Point to New York and Long Island Sound . . . . .	$\frac{1}{200,000}$	0. 36	33 × 42	1911	. 50





ATLANTIC COAST.  
GEOGRAPHICAL ARRANGEMENT.

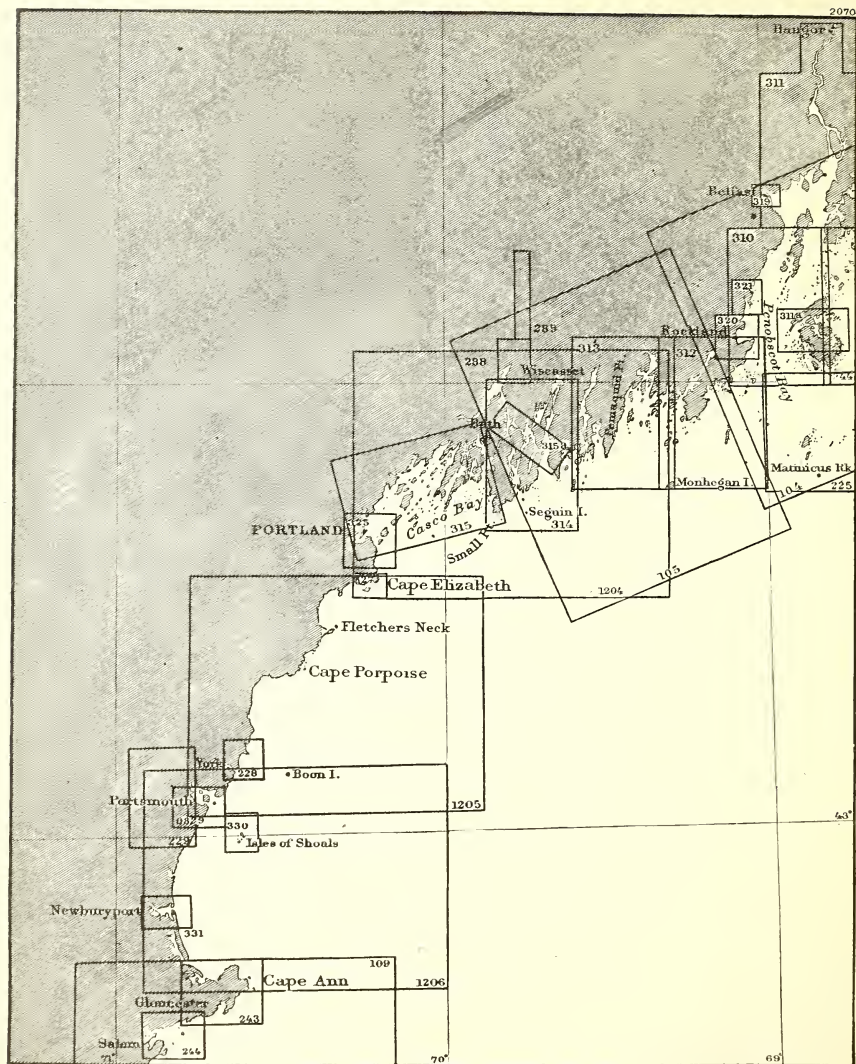
Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	<b>COAST AND HARBOR CHARTS.</b>						
101	Calais to Little River, including Cobscook Bay	Maine	$\frac{1}{80,000}$	0.91	30 × 39	1912	\$0.50
300	Passamaquoddy Bay and St. Croix River	Maine	$\frac{1}{40,000}$	1.82	32 × 40	1917	.25
301	Eastport to Moose Cove, including Cobscook Bay	Maine	$\frac{1}{40,000}$	1.82	30 × 41	1893	.25
102	Little River to Petit Manan	Maine	$\frac{1}{80,000}$	0.91	32 × 39	1888	.50
303	Moose Cove to Englishman Bay, including Machias Bay.	Maine	$\frac{1}{40,000}$	1.82	28 × 39	1893	.25
304	Cross Island to Nash Island	Maine	$\frac{1}{40,000}$	1.82	27 × 40	1914	.25
305	Nash Island to Schoodic Island	Maine	$\frac{1}{40,000}$	1.82	26 × 39	1915	.25



ATLANTIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
103	Mount Desert Island, Frenchmans and Blue Hill Bays, and approaches.	Maine-----	$\frac{1}{80,000}$	0.91	30 × 38	1910	\$0.50
306	Frenchmans Bay and eastern part of Mount Desert Island.	Maine-----	$\frac{1}{40,000}$	1.82	26 × 40	1915	.25
307	Blue Hill Bay and western part of Mount Desert Island.	Maine-----	$\frac{1}{40,000}$	1.82	26 × 40	1914	.25
308	Approaches to Blue Hill Bay and Eggemoggin Reach.	Maine-----	$\frac{1}{40,000}$	1.82	25 × 38	1914	.25
317	Winter Harbor, Schoodic Peninsula-----	Maine-----	$\frac{1}{20,000}$	3.65	15 × 19	1881	.20
318	Bar Harbor, Mount Desert Island-----	Maine-----	$\frac{1}{10,000}$	7.30	13 × 15	1885	.20
104	Penobscot Bay-----	Maine-----	$\frac{1}{80,000}$	0.91	30 × 38	1911	.50
309	East Penobscot Bay-----	Maine-----	$\frac{1}{40,000}$	1.82	25 × 40	1915	.25
310	West Penobscot Bay-----	Maine-----	$\frac{1}{40,000}$	1.82	25 × 40	1914	.25
311a	Fox Islands Thoroughfare-----	Maine-----	$\frac{1}{20,000}$	3.65	20 × 32	1914	.20
311	Penobscot River and Belfast Bay-----	Maine-----	$\frac{1}{40,000}$	1.82	25 × 40	1914	.25
319	Belfast Harbor-----	Maine-----	$\frac{1}{20,000}$	3.65	12 × 14	1917	.20
321	Camden and Rockport Harbors-----	Maine-----	$\frac{1}{20,000}$	3.65	14 × 18	1879	.20
320	Rockland Harbor-----	Maine-----	$\frac{1}{20,000}$	3.65	21 × 22	1917	.20
225	Approaches to Penobscot Bay-----	Maine-----	$\frac{1}{40,000}$	1.82	30 × 33	1915	.50
	Matinicus Harbor-----	Maine-----	$\frac{1}{5,000}$	1.82	-----	-----	-----

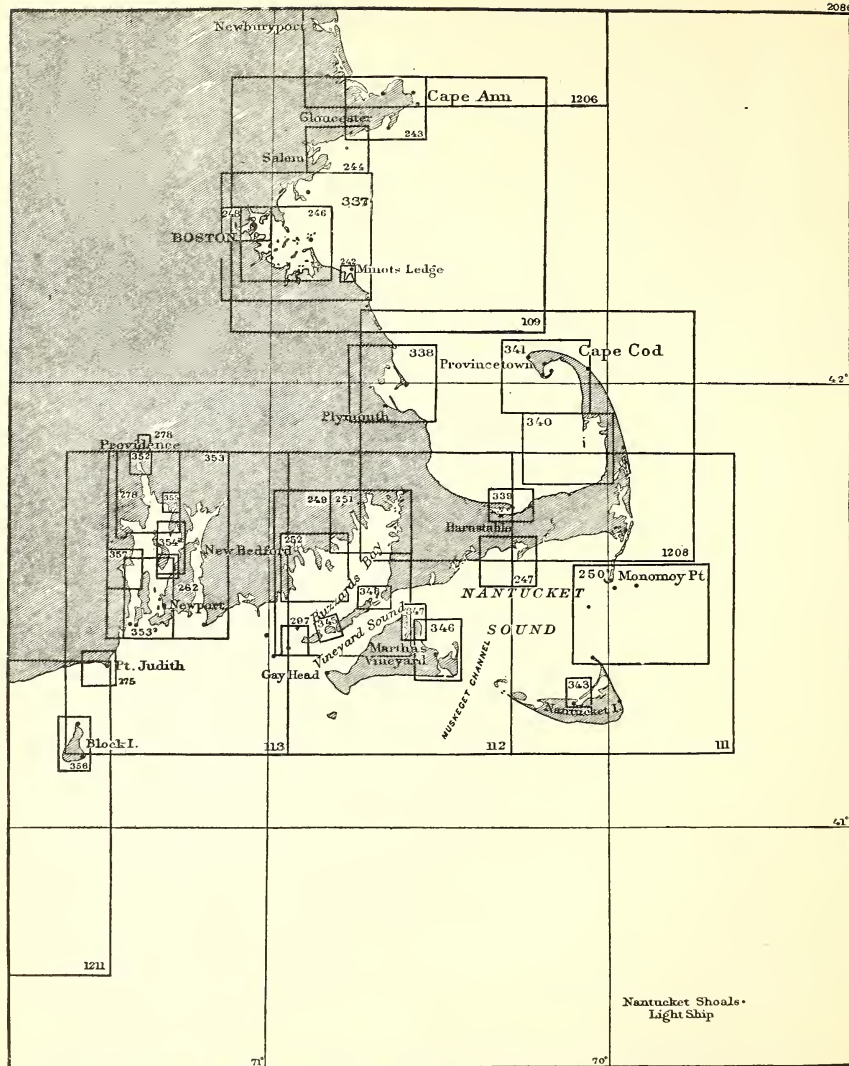






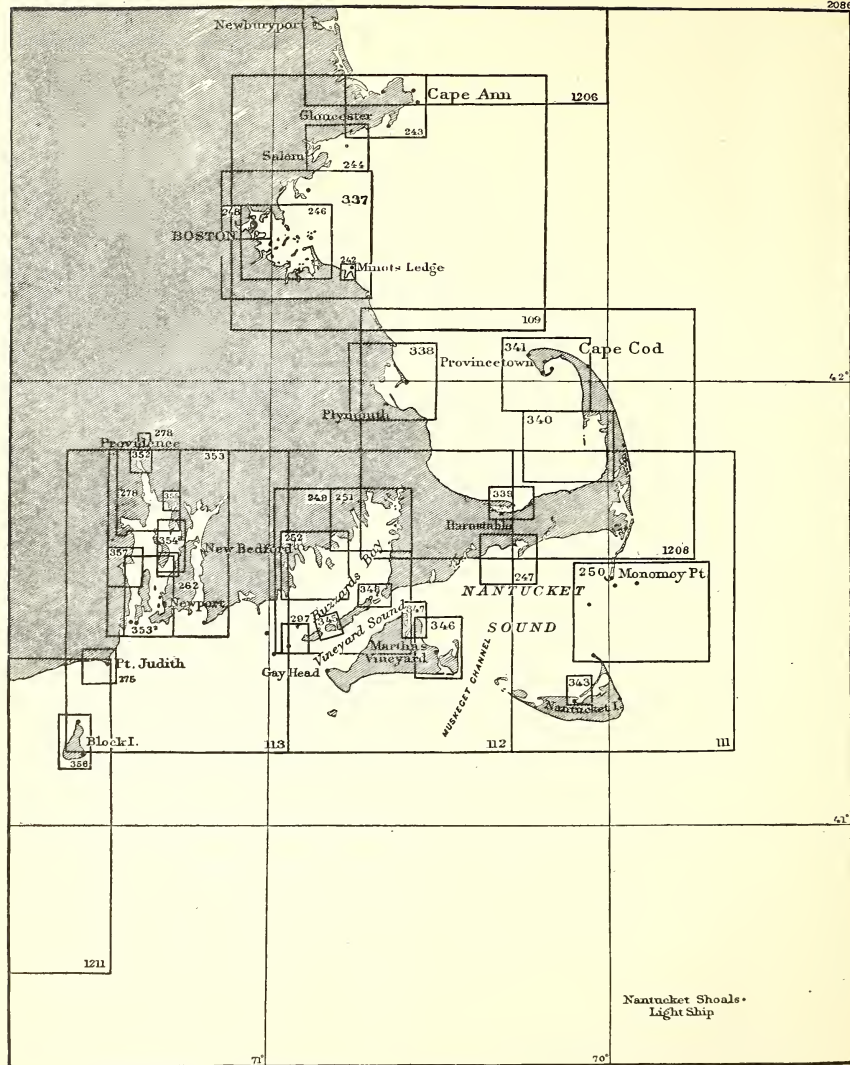
ATLANTIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
105	Penobscot Bay to Kennebec entrance .....	Maine .....	$\frac{1}{80,000}$	0.91	30 × 38	1877	\$0.50
312	St. George River and Muscle Ridge Channel ....	Maine .....	$\frac{1}{40,000}$	1.82	26 × 38	1916	.25
313	Damariscotta and Medomak Rivers .....	Maine .....	$\frac{1}{40,000}$	1.82	25 × 39	1917	.25
314	Kennebec and Sheepscot Rivers .....	Maine .....	$\frac{1}{40,000}$	1.82	23 × 38	1878	.25
288	Kennebec River, Abagadasset Point to Court House Point.	Maine .....	$\frac{1}{15,000}$	4.83	21 × 34	1916	.25
289	Kennebec River, Courthouse Point to Augusta.	Maine .....	$\frac{1}{15,000}$	4.83	22 × 34	1917	.25
315a	Bath to Boothbay Harbor .....	Maine .....	$\frac{1}{20,000}$	3.65	16 × 36	1884	.20
1204	Monhegan Island to Cape Elizabeth .....	Maine .....	$\frac{1}{80,000}$	0.91	31 × 40	1912	.50
1205	Cape Elizabeth to Portsmouth .....	Maine and N. H.	$\frac{1}{80,000}$	0.91	31 × 37	1915	.50
1206	Portsmouth to Cape Ann .....	N. H. and Mass.	$\frac{1}{80,000}$	0.91	29 × 38	1915	.50
315	Casco Bay .....	Maine .....	$\frac{1}{40,000}$	1.82	25 × 39	1913	.25
325	Portland Harbor .....	Maine .....	$\frac{1}{20,000}$	3.65	26 × 29	1913	.40
327	Richmond Island Harbor .....	Maine .....	$\frac{1}{20,000}$	3.65	14 × 17	1907	.20
228	Cape Neddick Harbor to York River .....	Maine .....	$\frac{1}{20,000}$	3.65	17 × 18	1912	.25
0929	Portsmouth Harbor .....	Maine and N. H.	$\frac{1}{10,000}$	7.30	30 × 33	1913	.25
330	Isles of Shoals .....	Maine and N. H.	$\frac{1}{20,000}$	3.65	15 × 18	1913	.20
331	Newburyport Harbor .....	Massachusetts	$\frac{1}{20,000}$	3.65	17 × 24	1917	.25
229	Portsmouth to Dover and Exeter .....	Maine and N. H.	$\frac{1}{30,000}$	2.43	23 × 33	1914	.30



ATLANTIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

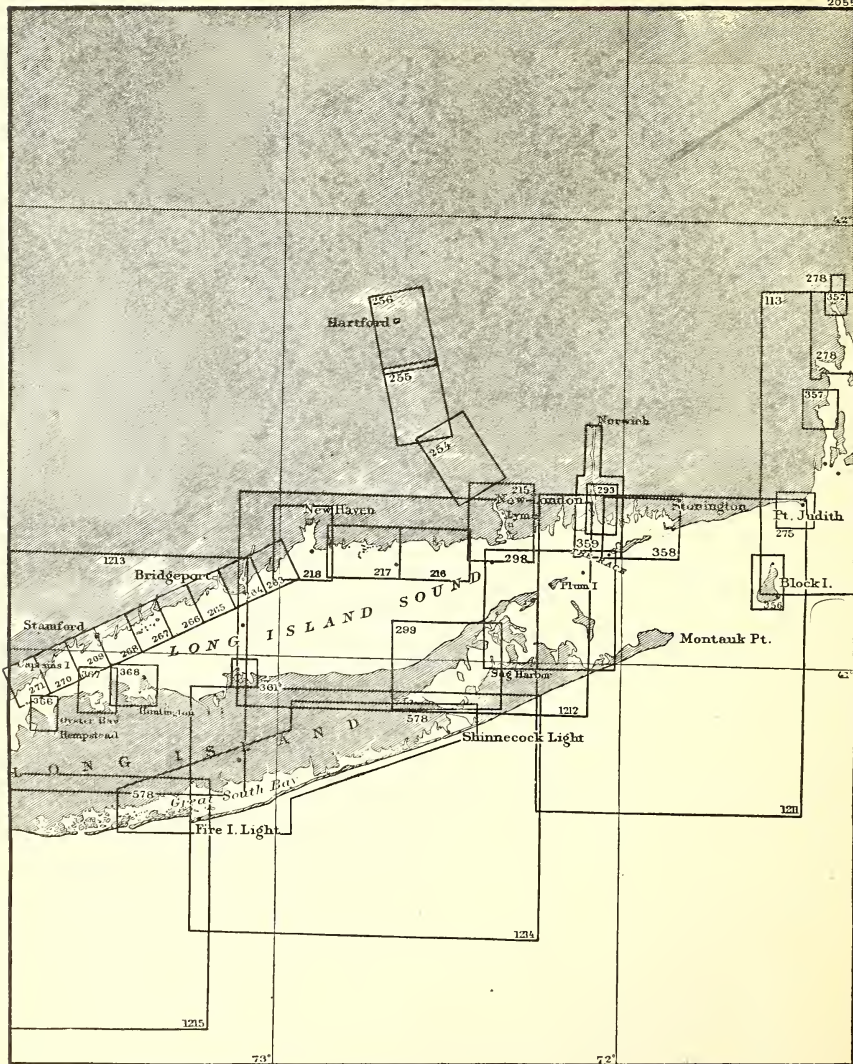
Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
109	Boston Bay and approaches.....	Massachusetts.	$\frac{1}{80,000}$	0.91	33 × 39	1916	\$0.50
242	Cohasset Harbor.....	Massachusetts.	$\frac{1}{5,000}$	14.6	26 × 31	1915	.30
243	Ipswich Bay to Gloucester Harbor.....	Massachusetts.	$\frac{1}{20,000}$	3.65	34 × 39	1916	.50
244	Salem Harbor and approaches.....	Massachusetts.	$\frac{1}{20,000}$	3.65	26 × 36	1917	.25
337	Boston Harbor.....	Massachusetts.	$\frac{1}{40,000}$	1.82	30 × 35	1915	.50
246	Boston Harbor.....	Massachusetts.	$\frac{1}{20,000}$	3.65	35 × 44	1915	.50
248	Boston Inner Harbor.....	Massachusetts.	$\frac{1}{10,000}$	7.30	33 × 41	1910	.50
1208	Cape Cod Bay.....	Massachusetts.	$\frac{1}{80,000}$	0.91	32 × 41	1915	.50
338	Plymouth, Kingston, and Duxbury Harbors.....	Massachusetts.	$\frac{1}{40,000}$	1.82	19 × 21	1911	.25
339	Barnstable Harbor.....	Massachusetts.	$\frac{1}{20,000}$	3.65	16 × 23	1914	.20
340	Wellfleet Harbor.....	Massachusetts.	$\frac{1}{50,000}$	1.46	14 × 18	1914	.20
341	Provincetown Harbor.....	Massachusetts.	$\frac{1}{50,000}$	1.46	15 × 18	1911	.20
250	Eastern entrance to Nantucket Sound.....	Massachusetts.	$\frac{1}{40,000}$	1.82	24 × 34	1913	.25
111	Nantucket Sound and eastern approaches.....	Massachusetts.	$\frac{1}{80,000}$	0.91	28 × 38	1915	.50
112	Vineyard Sound and Buzzards Bay.....	Massachusetts.	$\frac{1}{80,000}$	0.91	31 × 38	1914	.50
113	Cuttyhunk to Block Island, including Narragansett Bay.	Mass. and R. I.	$\frac{1}{80,000}$	0.91	28 × 38	1914	.50
275	Point Judith Harbor of Refuge.....	Rhode Island.	$\frac{1}{10,000}$	7.30	19 × 19	1913	.30





ATLANTIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
343	Nantucket Harbor.....	Massachusetts.	$\frac{1}{10,000}$	7.30	25 × 29	1911	\$0.25
247	Hyannis Harbor.....	Massachusetts.	$\frac{1}{20,000}$	3.65	26 × 26	1896	.25
346	Edgartown Harbor, Marthas Vineyard.....	Massachusetts.	$\frac{1}{20,000}$	3.65	24 × 32	1902	.25
347	Vineyard Haven.....	Massachusetts.	$\frac{1}{10,000}$	7.30	27 × 36	1902	.25
348	Woods Hole.....	Massachusetts.	$\frac{1}{10,000}$	7.30	14 × 21	1911	.25
345	Robinsons Hole and Quicks Hole.....	Massachusetts.	$\frac{1}{10,000}$	7.30	21 × 25	1902	.25
297	Cuttyhunk Harbor.....	Massachusetts.	$\frac{1}{10,000}$	7.30	19 × 22	1906	.25
249	Buzzards Bay.....	Massachusetts.	$\frac{1}{40,000}$	1.82	33 × 43	1913	.50
251	Head of Buzzards Bay.....	Massachusetts.	$\frac{1}{20,000}$	3.65	33 × 41	1915	.50
252	New Bedford Harbor and approaches.....	Massachusetts.	$\frac{1}{20,000}$	3.65	34 × 35	1913	.50
353	Narragansett Bay.....	Rhode Island.	$\frac{1}{40,000}$	1.82	31 × 46	1913	.75
	Seekonk River.....		$\frac{1}{40,000}$	1.82			
353 <sup>2</sup>	Newport Harbor and entrance to Narragansett Bay.	Rhode Island.	$\frac{1}{20,000}$	3.65	25 × 37	1896	.40
262	Narragansett Bay, Eastern Passage, Carrs Point to Sandy Point.	Rhode Island.	$\frac{1}{10,000}$	7.30	22 × 23	1916	.25
354a	Bristol Harbor and approaches.....	Rhode Island.	$\frac{1}{20,000}$	3.65	14 × 27	1916	.20
355	Warren River.....	Rhode Island.	$\frac{1}{10,000}$	7.30	15 × 20	1915	.20
352	Providence Harbor.....	Rhode Island.	$\frac{1}{10,000}$	7.30	16 × 19	1917	.20
278	Providence River and Head of Narragansett Bay..	Rhode Island.	$\frac{1}{20,000}$	3.65	31 × 38	1917	.50
357	Wickford Harbor, Narragansett Bay.....	Rhode Island.	$\frac{1}{20,000}$	3.65	15 × 17	1916	.20
356	Block Island.....	Rhode Island.	$\frac{1}{10,000}$	7.30	29 × 46	1917	.50



## ATLANTIC COAST—CONTINUED.

## GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
1211	Block Island Sound.....	R. I., Conn., and N. Y.	$\frac{1}{80,000}$	0.91	34 × 40	1912	\$0.50
1212	Long Island Sound, eastern part.....	Conn. and N. Y.	$\frac{1}{80,000}$	0.91	28 × 44	1914	.50
1213	Long Island Sound, western part.....	Conn. and N. Y.	$\frac{1}{80,000}$	0.91	30 × 40	1916	.50
358	Fishers Island Sound.....	Connecticut...	$\frac{1}{20,000}$	3.65	27 × 40	1911	.40
359	Thames River—Harbor of New London and approaches.	Connecticut...	$\frac{1}{20,000}$	3.65	25 × 43	1915	.40
293	New London Harbor and Naval Station.....	Connecticut...	$\frac{1}{10,000}$	7.30	30 × 45	1917	.50
	New London Naval Station.....		$\frac{1}{5,000}$	14.59			
215	Connecticut River, entrance to Deep River.....	Connecticut...	$\frac{1}{20,000}$	3.65	33 × 40	1917	.50
254	Connecticut River, Deep River to Higganum.....	Connecticut...	$\frac{1}{20,000}$	3.65	23 × 38	1911	.25
255	Connecticut River, Higganum to Rocky Hill....	Connecticut...	$\frac{1}{20,000}$	3.65	23 × 38	1912	.25
256	Connecticut River, Rocky Hill to Hartford.....	Connecticut...	$\frac{1}{20,000}$	3.65	23 × 38	1911	.25
216	Westbrook to East River.....	Connecticut...	$\frac{1}{20,000}$	3.65	26 × 35	1917	.50
217	Guilford to East Haven.....	Connecticut...	$\frac{1}{20,000}$	3.65	25 × 36	1917	.50
218	New Haven Harbor.....	Connecticut...	$\frac{1}{20,000}$	3.65	26 × 37	1917	.50

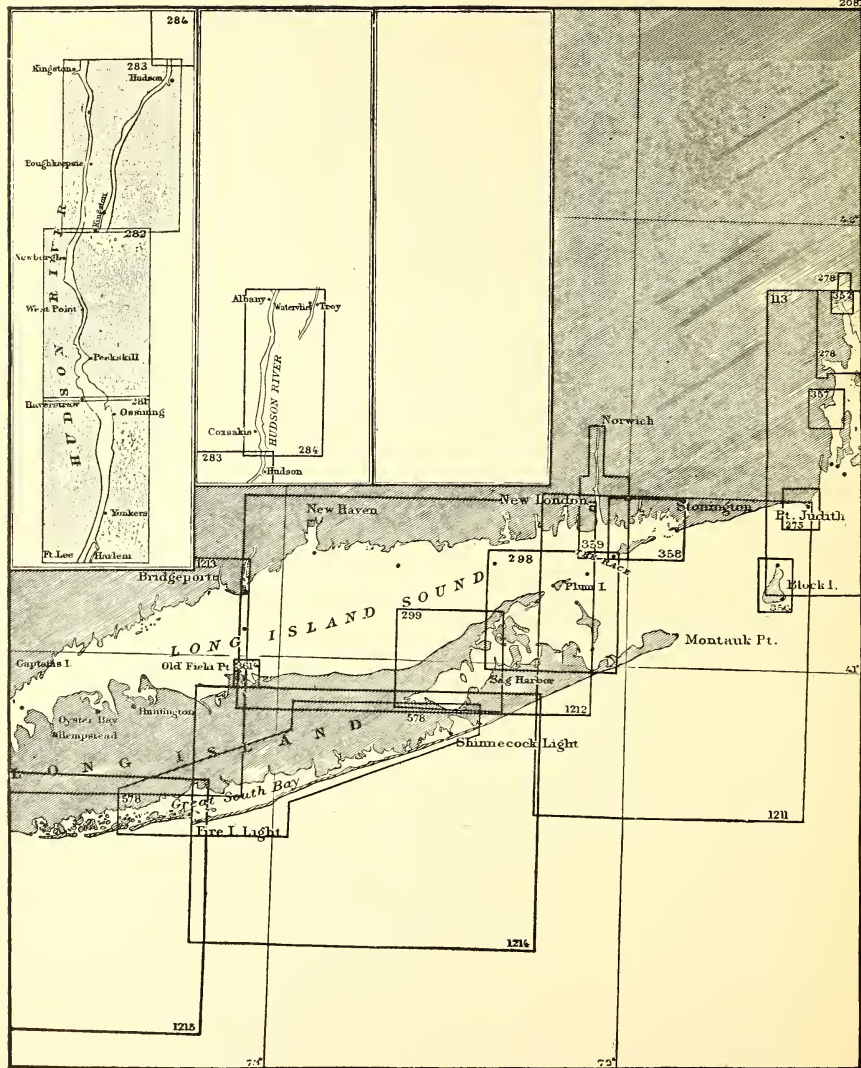






ATLANTIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

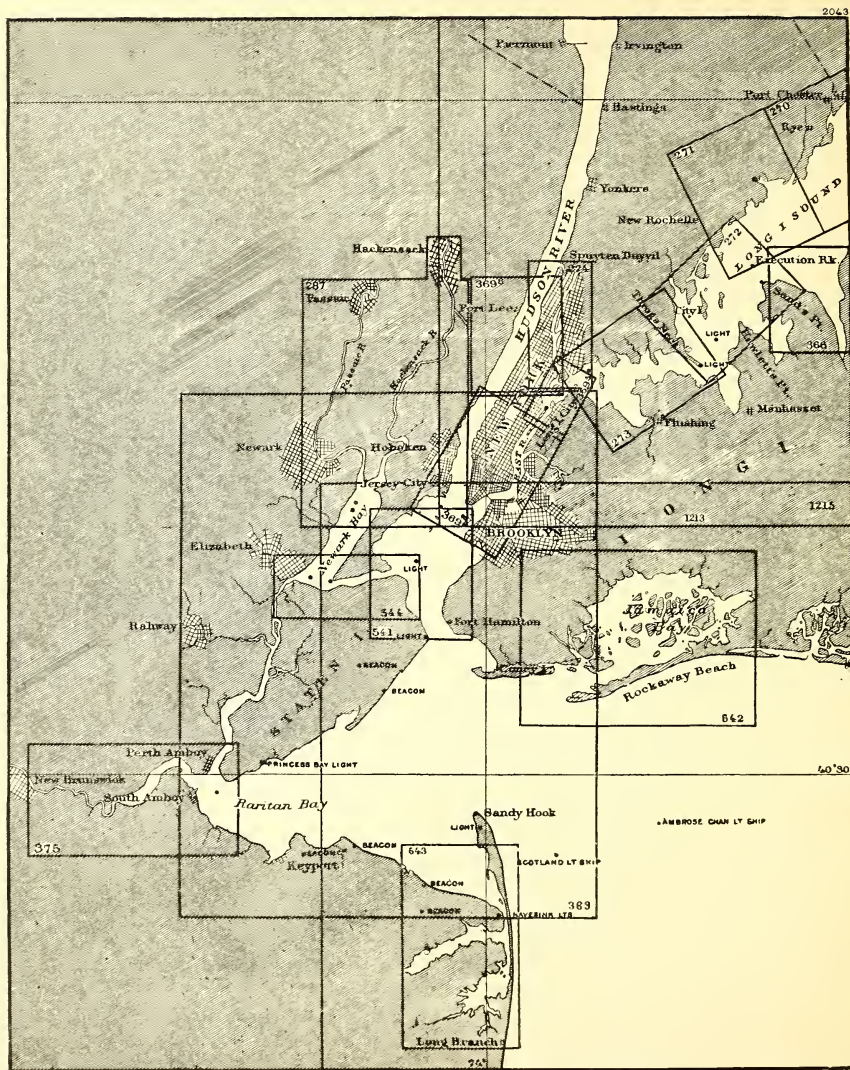
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			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
263	Oyster River Point to Milford .....	Connecticut ..	$\frac{1}{10,000}$	7.30	35 × 36	1911	\$0.50
264	Milford to Bridgeport .....	Connecticut ..	$\frac{1}{10,000}$	7.30	35 × 39	1911	.50
265	East Bridgeport to Fairfield .....	Connecticut ..	$\frac{1}{10,000}$	7.30	35 × 43	1911	.50
266	Fairfield to Georges Rock .....	Connecticut ..	$\frac{1}{10,000}$	7.30	35 × 37	1911	.50
267	Georges Rock to Sheffield Island, including Saugatuck and Norwalk Rivers.	Connecticut ..	$\frac{1}{10,000}$	7.30	34 × 42	1911	.50
268	Sheffield Island to Westcott Cove .....	Connecticut ..	$\frac{1}{10,000}$	7.30	34 × 37	1917	.50
269	Stamford Harbor to Little Captain Island .....	Connecticut ..	$\frac{1}{10,000}$	7.30	34 × 36	1917	.50
270	Little Captain Island to Rye Neck .....	N. Y. and Conn.	$\frac{1}{10,000}$	7.30	34 × 38	1916	.50
271	Rye Neck to New Rochelle .....	New York .....	$\frac{1}{10,000}$	7.30	34 × 43	1915	.50
298	Gardiners Bay, Long Island .....	New York .....	$\frac{1}{40,000}$	1.82	29 × 81	1913	.25
299	Peconic Bay, Long Island .....	New York .....	$\frac{1}{40,000}$	1.82	25 × 27	1911	.25
	Mattituck Inlet .....	.....	$\frac{1}{10,000}$	7.30	.....	.....	.....
361 <sup>4</sup>	Port Jefferson, Long Island .....	New York .....	$\frac{1}{10,000}$	7.30	24 × 29	1909	.30
368	Huntington Bay, Long Island .....	New York .....	$\frac{1}{30,000}$	2.48	19 × 19	1911	.20
367	Oyster Bay, Long Island .....	New York .....	$\frac{1}{30,000}$	2.48	15 × 20	1916	.20
366	Hempstead Harbor .....	New York .....	$\frac{1}{20,000}$	3.65	15 × 21	1911	.20



ATLANTIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
1214	Shinnecock Light to Fire Island Light .....	New York .....	$\frac{1}{80,000}$	0.91	31 × 43	1913	\$0.50
1215	Approaches to New York, Fire Island Light to Sea Girt Light. .	N.Y. and N.J. ....	$\frac{1}{80,000}$	0.91	33 × 42	1914	.50
281	Hudson River—New York to Haverstraw .....	N.Y. and N.J. ....	$\frac{1}{40,000}$	1.82	20 × 41	1911	.50
282	Hudson River—Haverstraw to Newburgh .....	New York .....	$\frac{1}{40,000}$	1.82	20 × 42	1907	.50
283	Hudson River—Poughkeepsie to Hudson .....	New York .....	$\frac{1}{40,000}$	1.82	30 × 41	1916	.50
284	Hudson River—Coxsackie to Troy .....	New York .....	$\frac{1}{40,000}$	1.82	20 × 41	1917	.50
578	Inland waters, Shinnecock Bay to Great South Bay.	New York .....	$\frac{1}{40,000}$	1.82	34 × 45	1916	.50

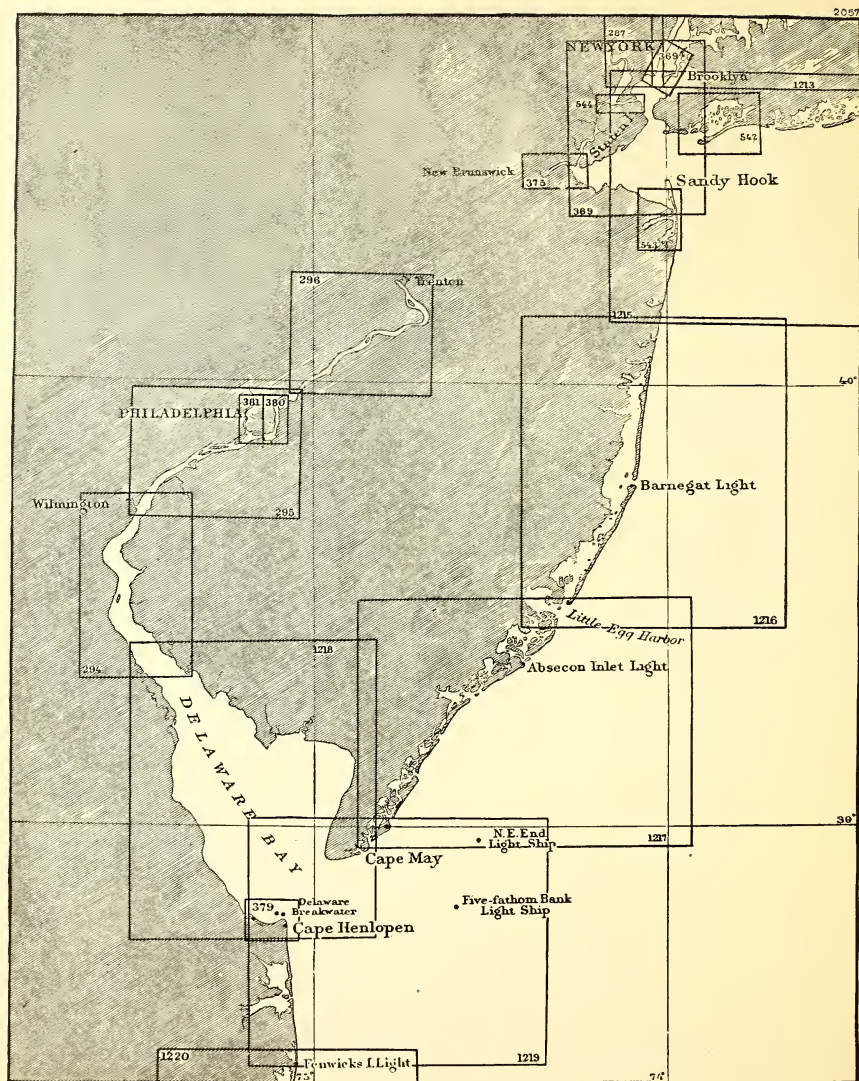




ATLANTIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
369	New York Harbor.....	N. Y. and N. J.	$\frac{1}{40,000}$	1. 82	34 × 44	1917	\$0. 50
272	New Rochelle to Throgs Neck.....	New York....	$\frac{1}{10,000}$	7. 30	35 × 43	1899	. 50
273	Throgs Neck to Randall Island.....	New York....	$\frac{1}{10,000}$	7. 30	35 × 43	1915	. 50
274	Harlem River.....	New York....	$\frac{1}{10,000}$	7. 30	21 × 41	1917	. 25
369 <sup>5</sup>	Hell Gate and East River, from Blackwells Island to Lawrence Point.	New York....	$\frac{1}{5,000}$	14. 59	25 × 42	1916	. 50
369 <sup>4</sup>	Hudson and East Rivers, from West 67th Street to Blackwells Island.	N. Y. and N. J.	$\frac{1}{10,000}$	7. 30	31 × 46	1916	. 50
369 <sup>8</sup>	Hudson River, from Days Point to Fort Washington Point.	New York....	$\frac{1}{10,000}$	7. 30	28 × 41	1916	. 50
541	New York Harbor, Upper Bay and Narrows (anchorage chart).	N. Y. and N. J.	$\frac{1}{10,000}$	7. 30	34 × 43	1917	. 50
542	Jamaica Bay and Rockaway Inlet.....	New York....	$\frac{1}{20,000}$	3. 65	31 × 40	1916	. 50
287	Passaic and Hackensack Rivers.....	New Jersey....	$\frac{1}{20,000}$	3. 65	28 × 41	1916	. 50
375	Raritan River.....	New Jersey....	$\frac{1}{20,000}$	3. 65	20 × 34	1911	. 50
543	Shrewsbury River.....	New Jersey....	$\frac{1}{20,000}$	3. 65	22 × 33	1917	. 30
544	Kill van Kull.....	N. Y. and N. J.	$\frac{1}{15,000}$	4. 86	14 × 32	1917	. 30

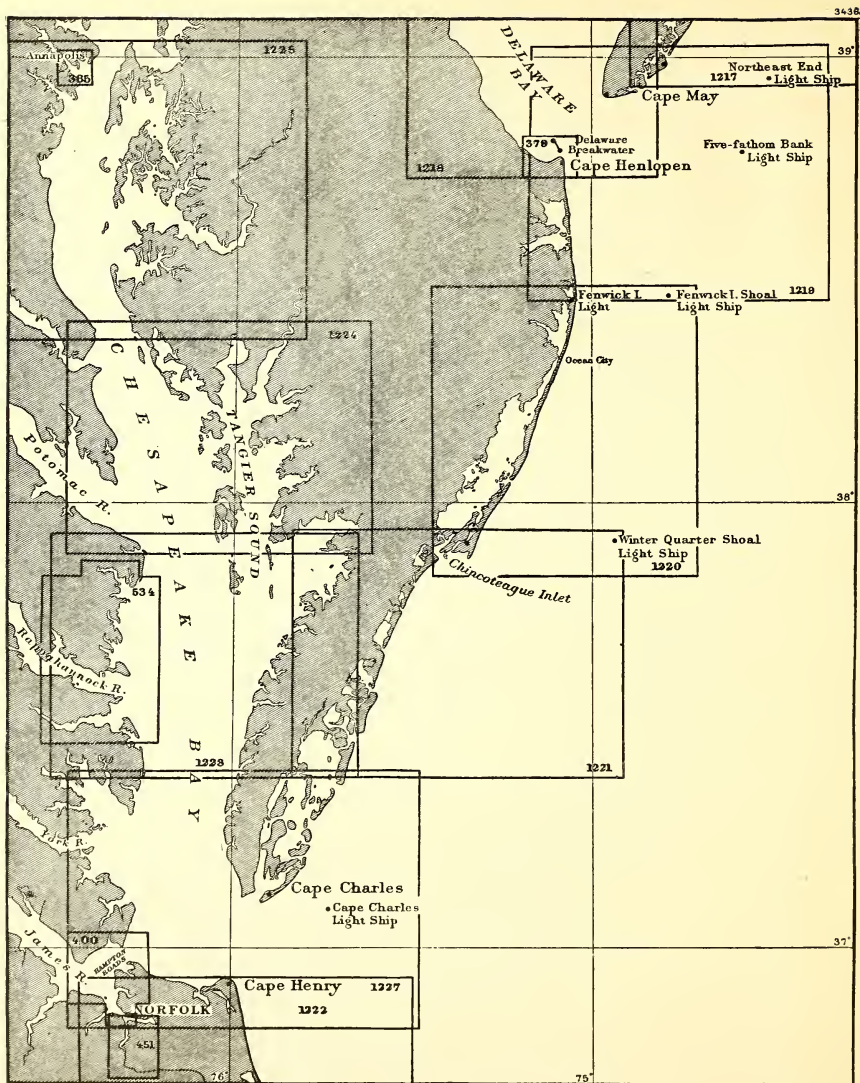




ATLANTIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
1216	Sea Girt Light to Little Egg Inlet.....	New Jersey...	$\frac{1}{80,000}$	0.91	33 × 39	1917	\$0.50
	Little Egg Inlet.....	.....	$\frac{1}{40,000}$	1.82	.....	.....	.....
1217	Little Egg Harbor to Hereford Inlet.....	New Jersey...	$\frac{1}{80,000}$	0.91	32 × 41	1915	.50
	Absecon Inlet.....	.....	$\frac{1}{40,000}$	1.82	.....	.....	.....
379	Cape Henlopen and the Delaware Breakwater...	Delaware.....	$\frac{1}{20,000}$	3.65	21 × 27	1916	.25
1218	Delaware Bay.....	N. J. and Del.	$\frac{1}{80,000}$	0.91	31 × 37	1915	.50
294	Delaware River—Bombay Hook to Wilmington...	N. J. and Del.	$\frac{1}{40,000}$	1.82	29 × 45	1913	.50
295	Delaware River—Wilmington to Philadelphia...	N. J. and Pa.	$\frac{1}{40,000}$	1.82	32 × 43	1915	.50
296	Delaware River—Philadelphia to Trenton.....	N. J. and Pa.	$\frac{1}{40,000}$	1.82	28 × 33	1914	.50
380	Philadelphia water front, Delaware River.....	Pennsylvania.	$\frac{1}{9,600}$	7.60	26 × 51	1916	.50
381	Philadelphia water front, Schuylkill River.....	Pennsylvania.	$\frac{1}{9,600}$	7.60	26 × 45	1917	.50

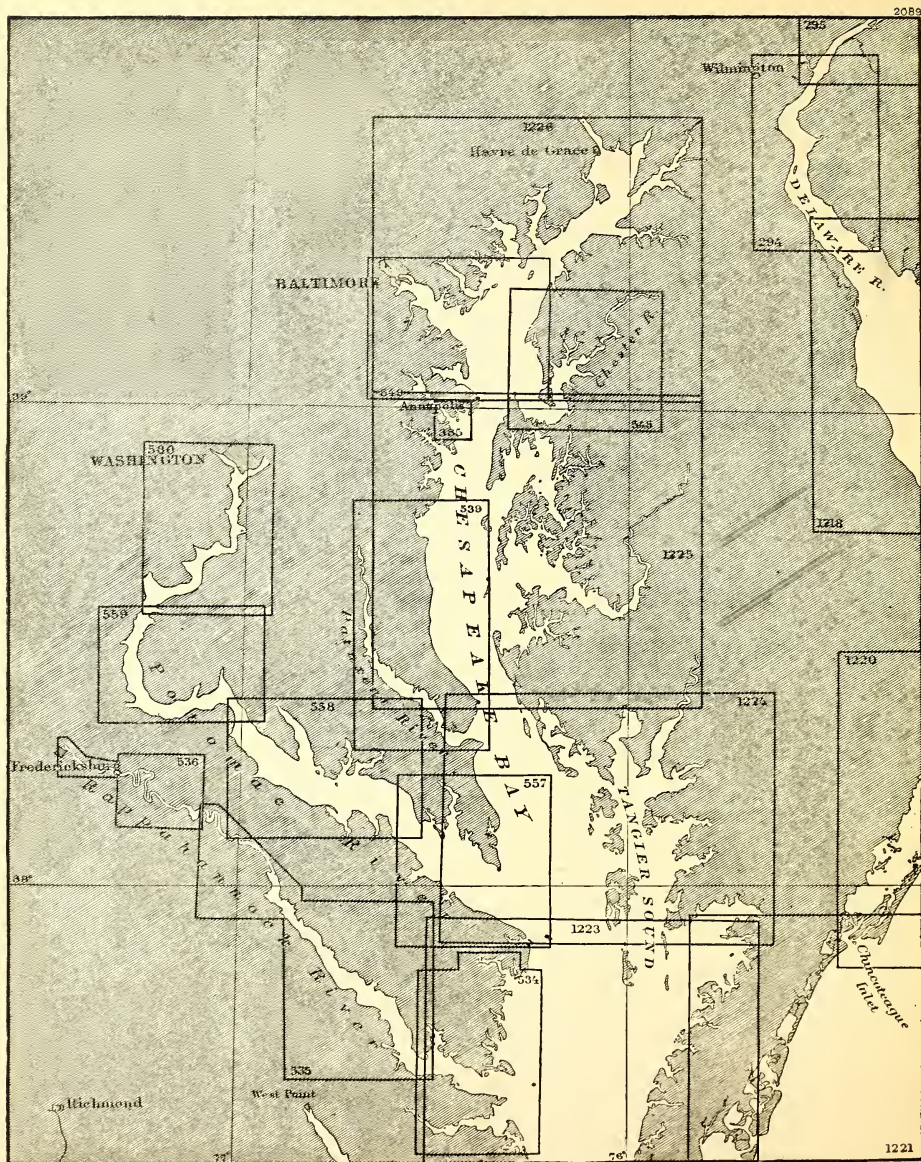




ATLANTIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
1219	Cape May to Fenwick Island Light .....	N. J. and Del.	$\frac{1}{80,000}$	0.91	32 × 38	1915	\$0.50
1220	Fenwick Island Light to Chincoteague Inlet ...	Md. and Va ..	$\frac{1}{80,000}$	0.91	33 × 38	1917	.50
1221	Chincoteague Inlet to Hog Island Light.....	Virginia .....	$\frac{1}{80,000}$	0.91	31 × 41	1917	.50
1222	Entrance to Chesapeake Bay .....	Virginia .....	$\frac{1}{80,000}$	0.91	33 × 43	1915	.50
1223	Chesapeake Bay—Wolftrap to Smith Point ....	Md. and Va ..	$\frac{1}{80,000}$	0.91	31 × 39	1917	.50
1224	Chesapeake Bay—Smith Point to Cove Point ...	Md. and Va ..	$\frac{1}{80,000}$	0.91	30 × 41	1913	.50

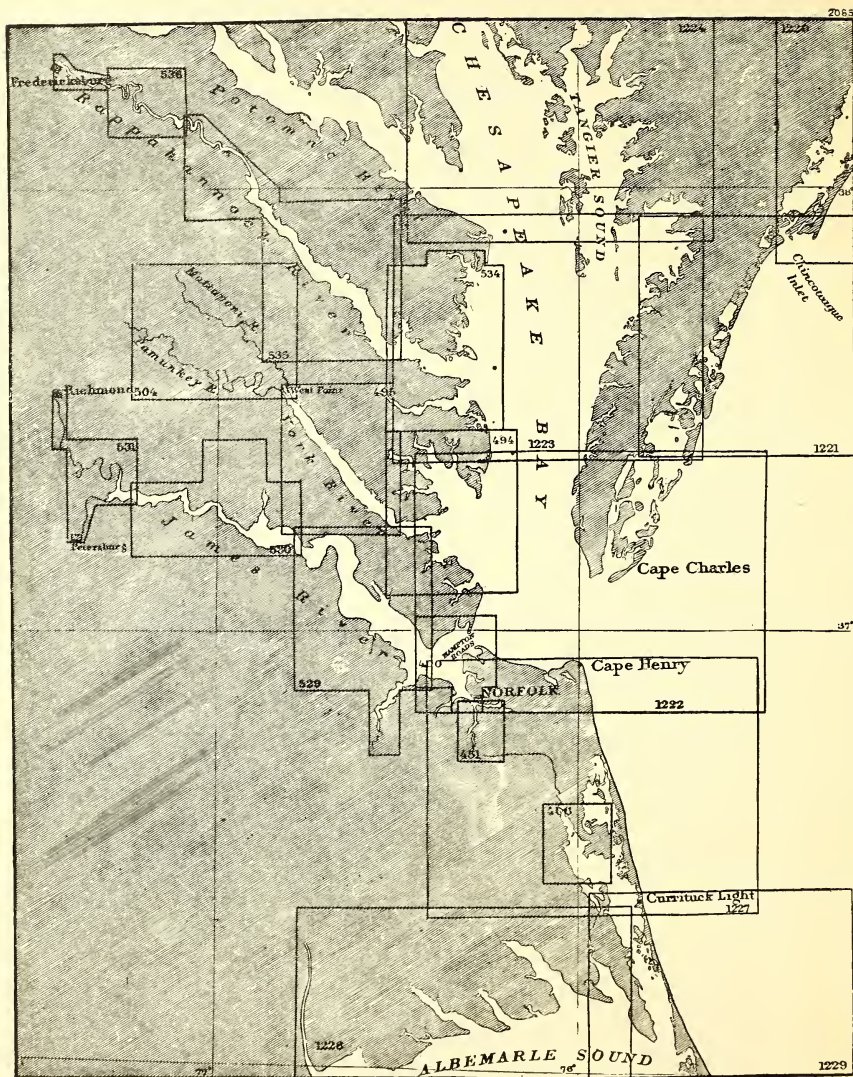




ATLANTIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
1225	Chesapeake Bay—Cove Point to Sandy Point...	Maryland	$\frac{1}{80,000}$	0.91	35 × 38	1913	\$0.50
1226	Chesapeake Bay—Sandy Point to head of Bay..	Maryland	$\frac{1}{80,000}$	0.91	34 × 38	1913	.50
549	Baltimore Harbor .....	Maryland	$\frac{1}{40,000}$	1.82	33 × 39	1905	.50
385	Annapolis Harbor .....	Maryland	$\frac{1}{10,000}$	7.30	31 × 33	1911	.50
539	Patuxent River .....	Maryland	$\frac{1}{40,000}$	1.82	32 × 37	1909	.50
557	Potomac River, entrance to Piney Point.....	Md. and Va.	$\frac{1}{40,000}$	1.82	35 × 40	1913	.50
558	Potomac River, Piney Point to Lower Cedar Point.	Md. and Va.	$\frac{1}{40,000}$	1.82	34 × 45	1907	.50
559	Potomac River, Lower Cedar Point to Mattawoman Creek.	Md. and Va.	$\frac{1}{40,000}$	1.82	30 × 39	1907	.50
560	Potomac River, Mattawoman Creek to Georgetown.	Md. and Va.	$\frac{1}{40,000}$	1.82	29 × 40	1911	.50
	Washington Harbor.....		$\frac{1}{20,000}$	3.65			
534	Rappahannock River, entrance to Tolls Point, including Great Wicomico River.	Virginia	$\frac{1}{40,000}$	1.82	33 × 41	1910	.50
535	Rappahannock River—Tolls Point to Marsh Point.	Virginia	$\frac{1}{40,000}$	1.82	33 × 40	1911	.50
536	Rappahannock River—Marsh Point to Fredericksburg.	Virginia	$\frac{1}{20,000}$	3.65	32 × 41	1915	.50
548	Chester River.....	Maryland	$\frac{1}{40,000}$	1.82	33 × 35	1912	.50

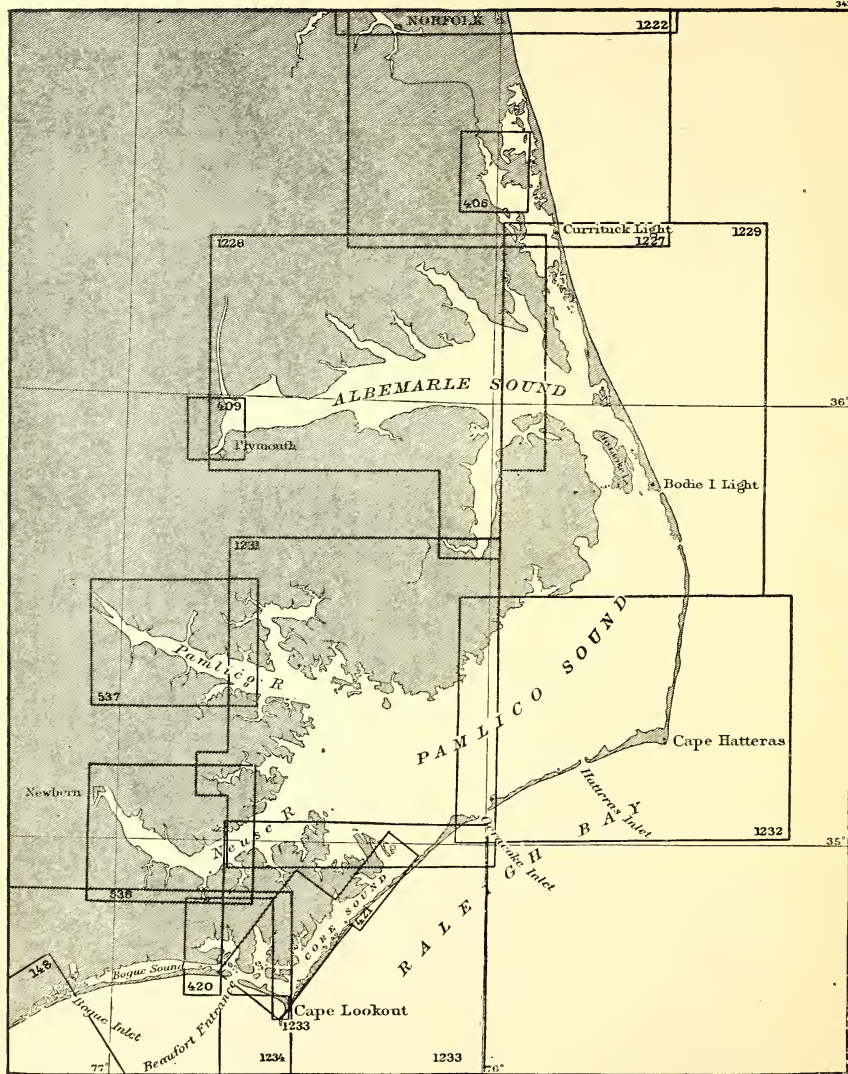




ATLANTIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

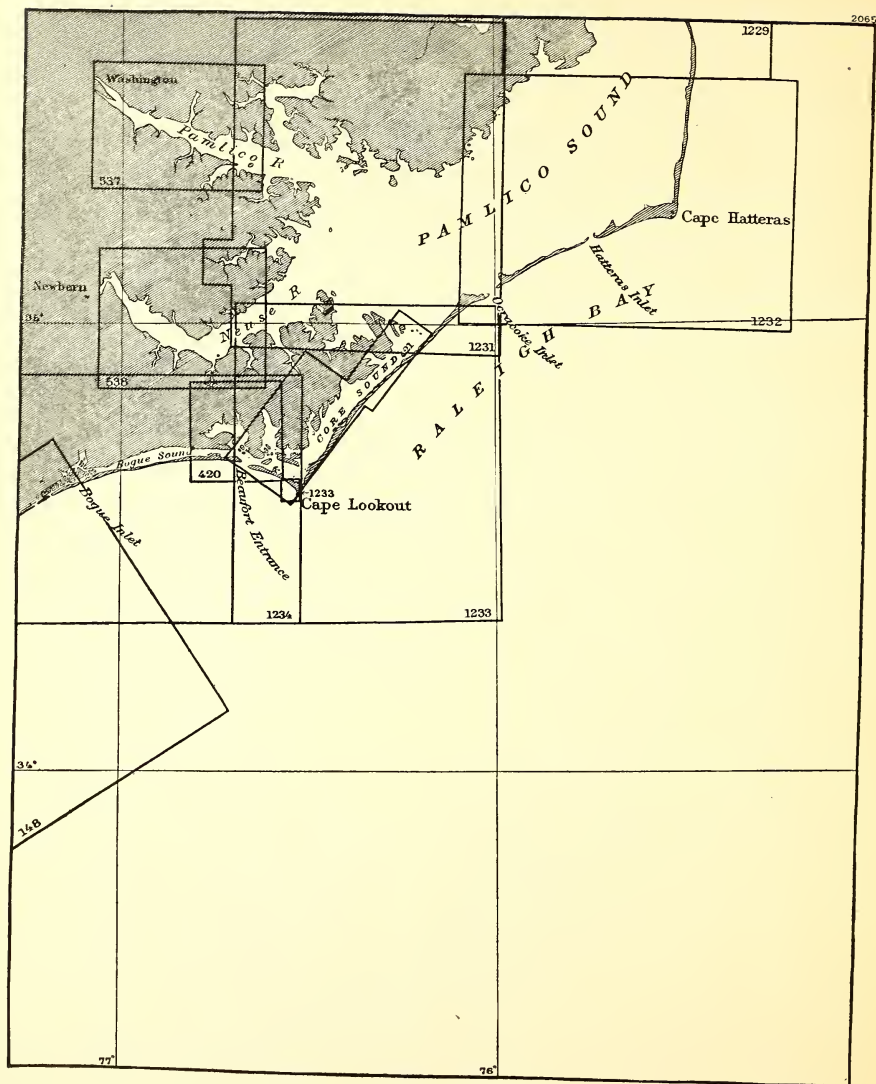
Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
494	York River, entrance to Yorktown.....	Virginia .....	$\frac{1}{40,000}$	1.82	32 × 43	1913	\$0.50
495	York River, Yorktown to Westpoint.....	Virginia .....	$\frac{1}{40,000}$	1.82	30 × 40	1914	.50
400	Hampton Roads, with continuation to Norfolk..	Virginia .....	$\frac{1}{20,000}$	3.65	34 × 41	1915	.50
529	James River, Newport News to Jamestown ....	Virginia .....	$\frac{1}{40,000}$	1.82	34 × 40	1913	.50
530	James River, Jamestown to Jordan Point.....	Virginia .....	$\frac{1}{40,000}$	1.82	21 × 41	1914	.50
531	James River, Jordan Point to Richmond.....	Virginia .....	$\frac{1}{40,000}$	1.82	31 × 41	1914	.50
1227	Cape Henry to Currituck Beach Light.....	Virginia .....	$\frac{1}{80,000}$	0.91	32 × 41	1916	.50
504	Pamunkey and Mattaponi Rivers .....	Virginia .....	$\frac{1}{40,000}$	1.82	34 × 40	1914	.50
451	Southern Branch of Elizabeth River .....	Virginia .....	$\frac{1}{20,000}$	3.65	22 × 30	1914	.30





ATLANTIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

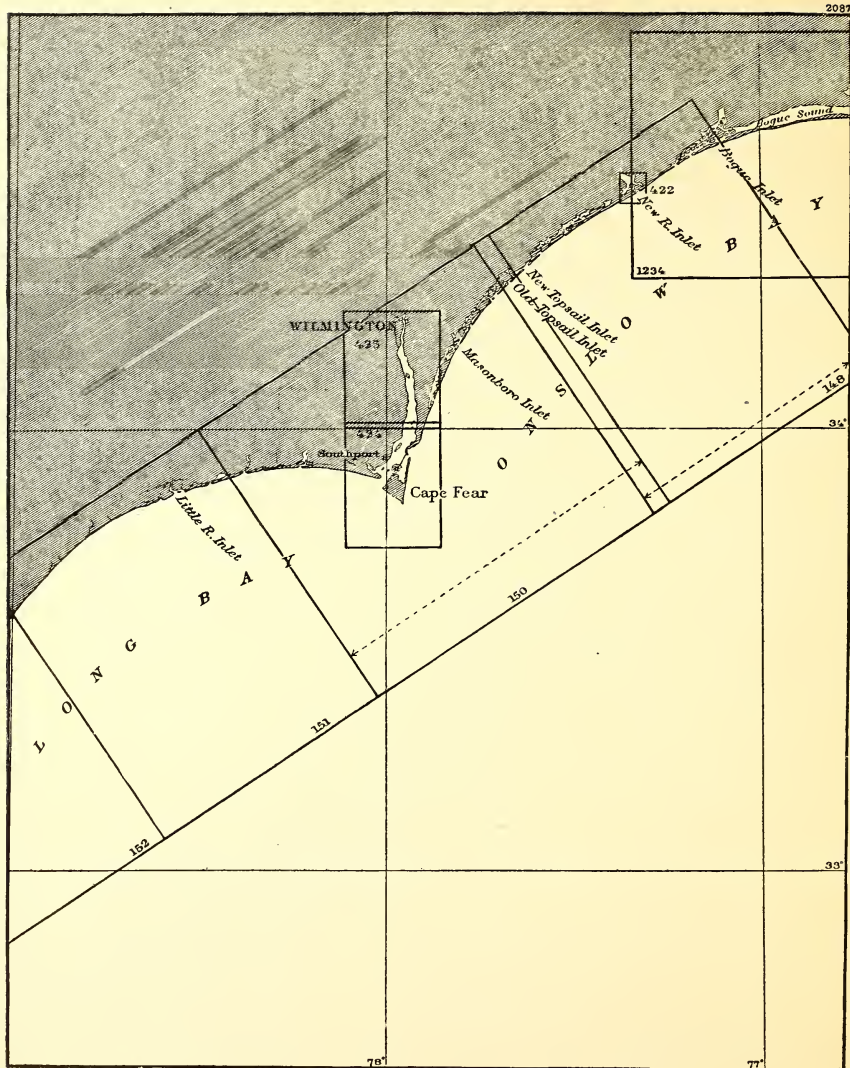
Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
COAST AND HARBOR CHARTS—Continued.							
406	North Landing River.....	Virginia.....	$\frac{1}{40,000}$	1. 82	17 × 21	1916	\$0. 20
1229	Currituck Beach to New Inlet.....	N. Carolina....	$\frac{1}{80,000}$	0. 91	32 × 47	1913	. 50
1228	Albemarle Sound.....	N. Carolina....	$\frac{1}{80,000}$	0. 91	31 × 38	1913	. 50
409	Mouth of Roanoke River.....	N. Carolina....	$\frac{1}{30,000}$	2. 43	19 × 21	1917	. 10
1231	Pamlico Sound, western part.....	N. Carolina....	$\frac{1}{80,000}$	0. 91	34 × 42	1915	. 50
1232	Cape Hatteras, Wimble Shoal to Ocracoke Inlet...	N. Carolina....	$\frac{1}{80,000}$	0. 91	32 × 42	1916	. 50
537	Pamlico River.....	N. Carolina....	$\frac{1}{40,000}$	0. 91	30 × 41	1915	. 50
538	Neuse River and upper part of Bay River.....	N. Carolina....	$\frac{1}{40,000}$	0. 91	35 × 42	1915	. 50



ATLANTIC COAST—Continued.  
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
421	Core Sound and Straits.....	N. Carolina....	$\frac{1}{40,000}$	1. 82	20 × 34	1915	\$0. 20
420	Beaufort Harbor.....	N. Carolina....	$\frac{1}{40,000}$	1. 82	23 × 24	1915	. 25
1233	Portsmouth Island to Beaufort, including Cape Lookout Shoals.	N. Carolina....	$\frac{1}{80,000}$	0. 91	34 × 42	1916	. 50
	Lookout Bight.....		$\frac{1}{20,000}$	3. 64			
1234	Cape Lookout to New River.....	N. Carolina....	$\frac{1}{80,000}$	0. 91	33 × 39	1917	. 50

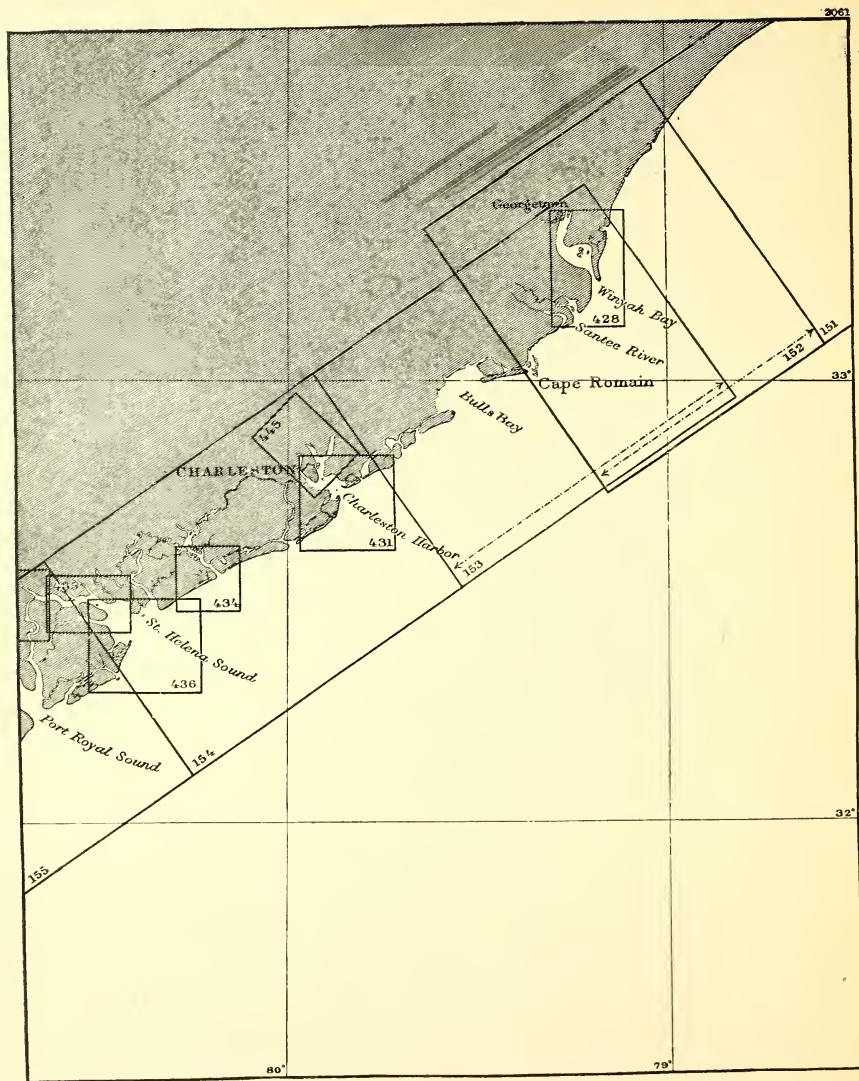






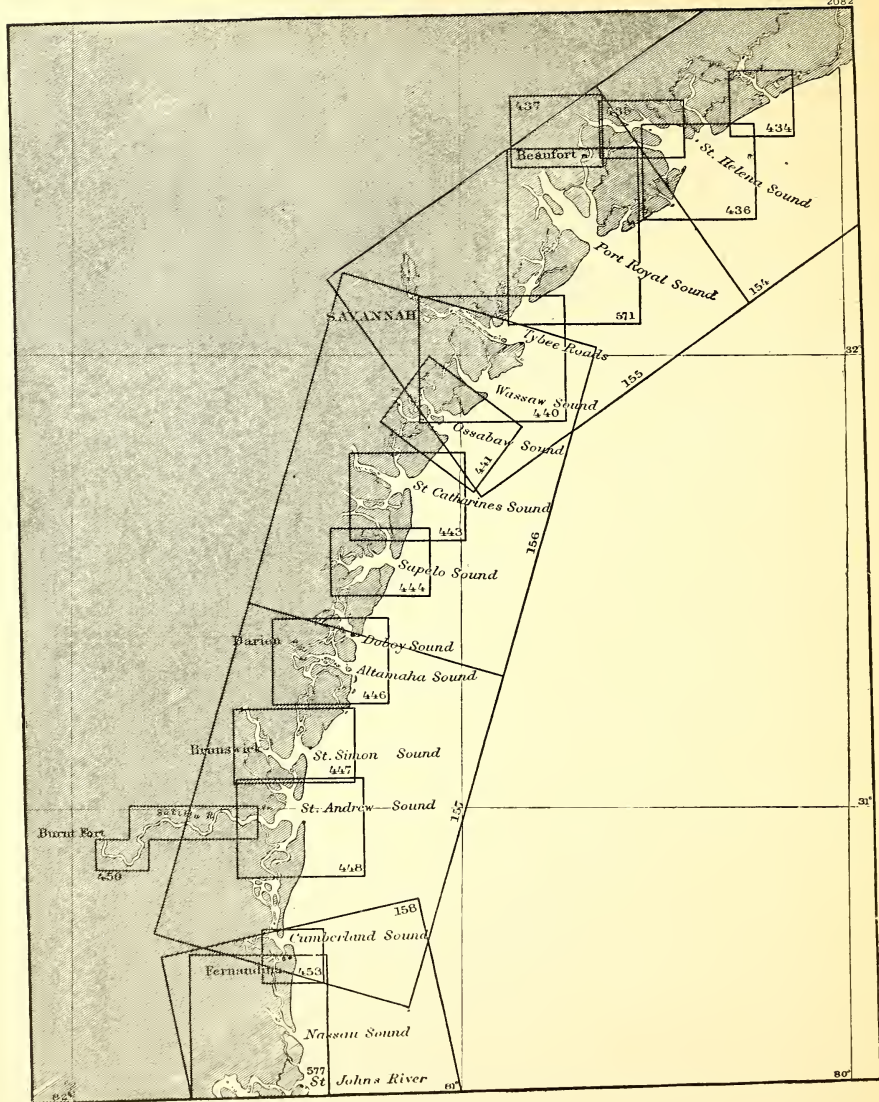
ATLANTIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
148	Bogue Inlet to Old Topsail Inlet.....	N. Carolina ..	$\frac{1}{80,000}$	0.91	33 × 41	1889	\$0.50
422	New River Inlet.....	N. Carolina ..	$\frac{1}{10,000}$	7.30	27 × 31	1917	.25
150	Old Topsail Inlet to Shallotte Inlet, including Cape Fear.	N. Carolina ..	$\frac{1}{80,000}$	0.91	32 × 40	1914	.50
424	Cape Fear River, entrance to Reeves Point.....	N. Carolina ..	$\frac{1}{40,000}$	1.82	24 × 30	1917	.50
425	Cape Fear River, Reeves Point to Wilmington..	N. Carolina ..	$\frac{1}{40,000}$	1.82	24 × 30	1913	.50
151	Little River Inlet and part of Long Bay.....	S. Carolina ..	$\frac{1}{80,000}$	0.91	33 × 41	1888	.50



ATLANTIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
152	Murrell Inlet to Cape Romain, including Winyah Bay.	S. Carolina...	$\frac{1}{80,000}$	0.91	32 × 40	1916	\$0.50
153	North Island to Isle of Palms, including Cape Romain.	S. Carolina...	$\frac{1}{80,000}$	0.91	32 × 40	1917	.50
428	Winyah Bay .....	S. Carolina .....	$\frac{1}{40,000}$	1.82	19 × 29	1917	.25
154	Isle of Palms to Hunting Island .....	S. Carolina...	$\frac{1}{80,000}$	0.91	32 × 40	1916	.50
431	Charleston Harbor .....	S. Carolina...	$\frac{1}{30,000}$	2.43	30 × 32	1917	.50
445	Charleston and vicinity .....	S. Carolina...	$\frac{1}{20,000}$	3.65	31 × 37	1917	.50
434	North Edisto River .....	S. Carolina...	$\frac{1}{50,000}$	1.46	14 × 17	1861	.20
435	Bull and Combahee Rivers .....	S. Carolina...	$\frac{1}{40,000}$	1.82	15 × 22	1915	.20
436	St. Helena Sound .....	S. Carolina...	$\frac{1}{40,000}$	1.82	24 × 28	1916	.25



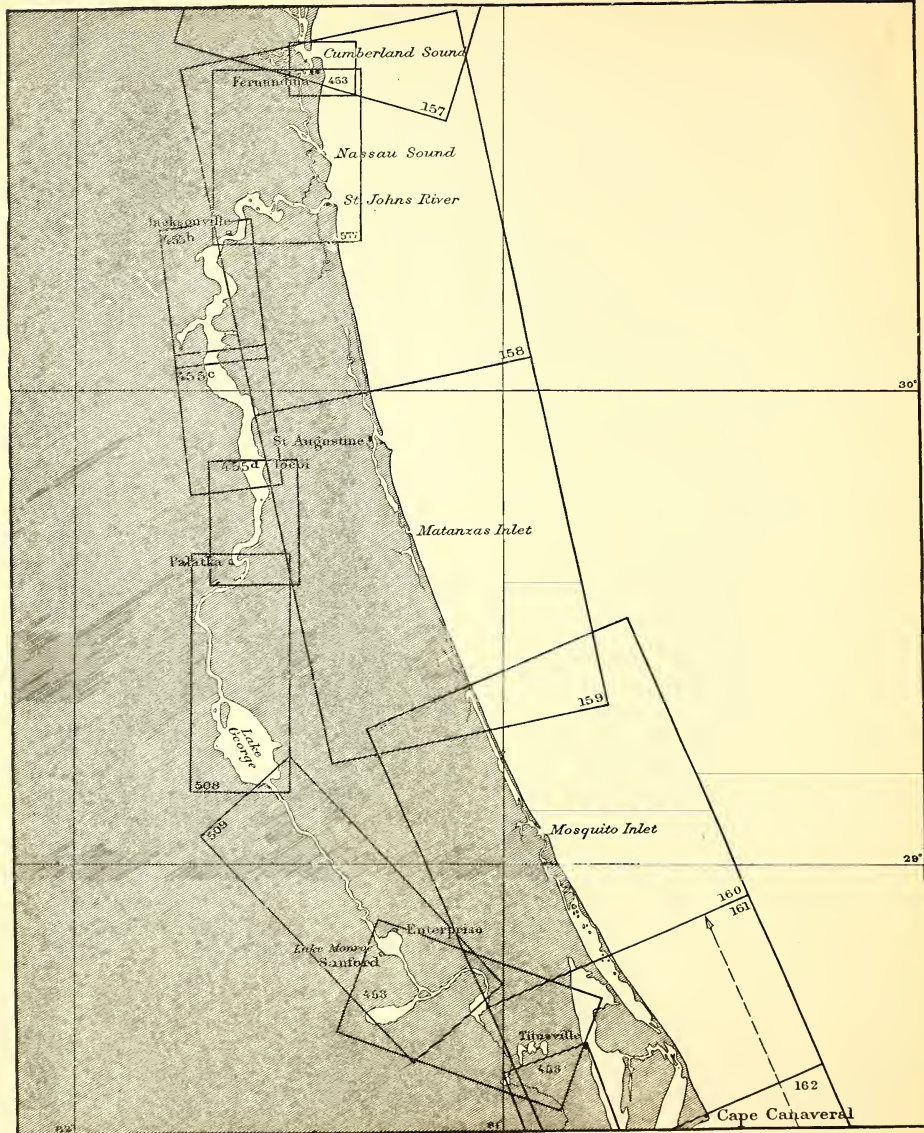


## ATLANTIC COAST—CONTINUED.

## GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
155	Hunting Island to Ossabaw Island.....	S. C. and Ga..	$\frac{1}{80,000}$	0.91	32 × 40	1917	\$0.50
437	Whale Branch; inside passage between Coosaw and Broad Rivers.	S. Carolina....	$\frac{1}{40,000}$	1.82	18 × 25	1876	.25
571	Port Royal Sound.....	S. Carolina....	$\frac{1}{40,000}$	1.82	33 × 41	1917	.50
156	Savannah to Sapelo Island.....	S. C. and Ga..	$\frac{1}{80,000}$	0.91	32 × 41	1916	.50
440	Tybee Roads, Savannah River, and Wassaw Sound.	S. C. and Ga..	$\frac{1}{40,000}$	1.82	30 × 40	1916	.50
441	Ossabaw Sound.....	Georgia.....	$\frac{1}{30,000}$	2.43	24 × 37	1916	.25
443	St. Catharines Sound.....	Georgia.....	$\frac{1}{40,000}$	1.82	22 × 29	1905	.25
444	Sapelo Sound.....	Georgia.....	$\frac{1}{30,000}$	2.43	23 × 34	1905	.25
157	Sapelo Island to Amelia Island.....	Georgia.....	$\frac{1}{80,000}$	0.91	32 × 41	1915	.50
446	Doboy and Altamaha Sounds.....	Georgia.....	$\frac{1}{40,000}$	1.82	21 × 29	1913	.25
447	St. Simon Sound, Brunswick Harbor, and Turtle River.	Georgia.....	$\frac{1}{40,000}$	1.82	19 × 29	1915	.25
448	St. Andrew Sound.....	Georgia.....	$\frac{1}{40,000}$	1.82	24 × 29	1911	.25
450	Satilla River, Barclay Cut to Burnt Fort.....	Georgia.....	$\frac{1}{20,000}$	3.16	29 × 43	1912	.50

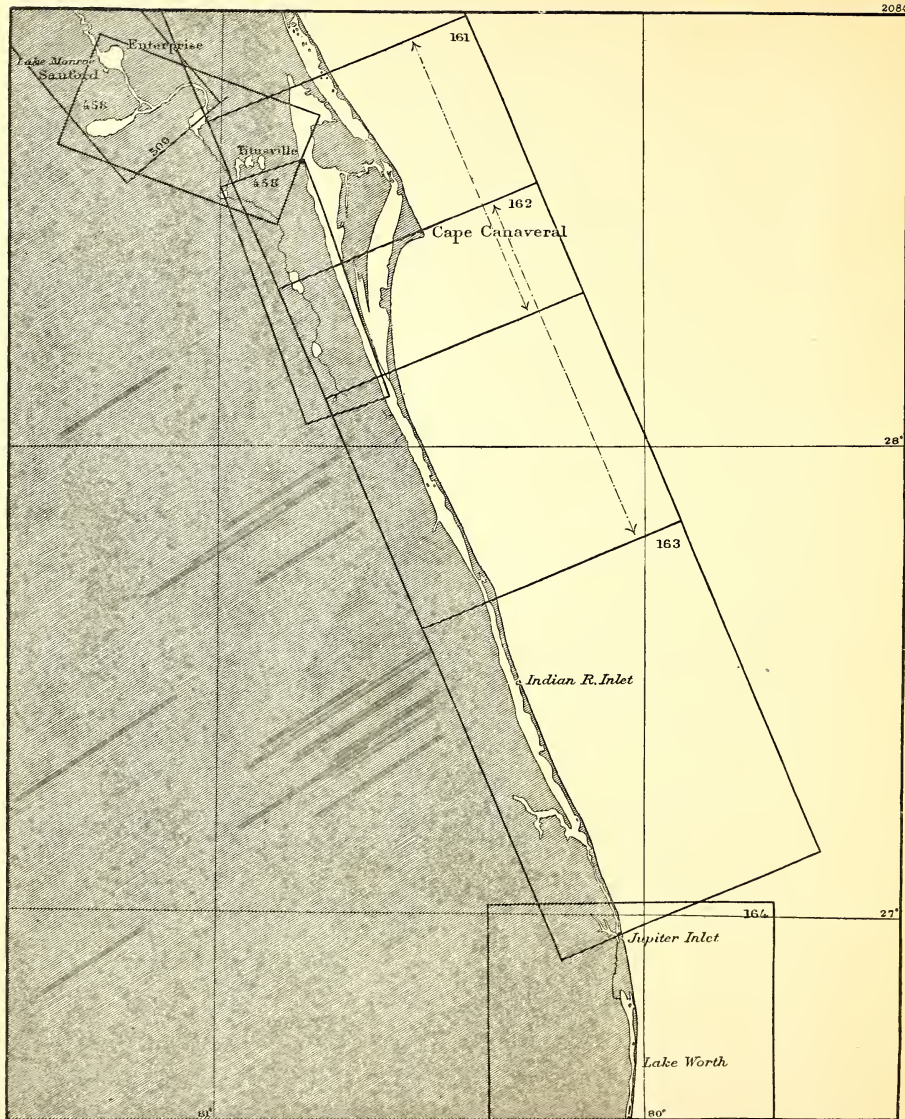




ATLANTIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
COAST AND HARBOR CHARTS—Continued.							
158	St. Marys entrance, and southward to Latitude 30° N.	Ga. and Fla.	$\frac{1}{80,000}$	0.91	33 × 41	1915	\$0.50
453	Fernandina entrance .....	Florida	$\frac{1}{20,000}$	3.65	25 × 30	1916	.25
577	Fernandina to Jacksonville .....	Florida	$\frac{1}{40,000}$	1.82	33 × 41	1917	.50
455 <i>b</i>	St. Johns River, Jacksonville to Hibernia.....	Florida	$\frac{1}{40,000}$	1.82	21 × 32	1911	.40
455 <i>c</i>	St. Johns River, Hibernia to Racy Point.....	Florida	$\frac{1}{40,000}$	1.82	21 × 32	1900	.40
455 <i>d</i>	St. Johns River, Tocoï to San Mateo .....	Florida	$\frac{1}{40,000}$	1.82	21 × 29	1910	.40
508	St. Johns River, Palatka to Lake George.....	Florida	$\frac{1}{40,000}$	1.82	30 × 32	1909	.25
509	St. Johns River, Lake George to Lake Harney..	Florida	$\frac{1}{40,000}$	1.82	30 × 32	1914	.25
458	St. Johns River, Lake Monroe to Lake Wash- ington.	Florida	$\frac{1}{80,000}$	0.91	26 × 30	1909	.40
159	St. Augustine Inlet to Halifax River .....	Florida	$\frac{1}{80,000}$	0.91	32 × 41	1882	.50
160	Halifax River to Mosquito Lagoon .....	Florida	$\frac{1}{80,000}$	0.91	33 × 36	1882	.50

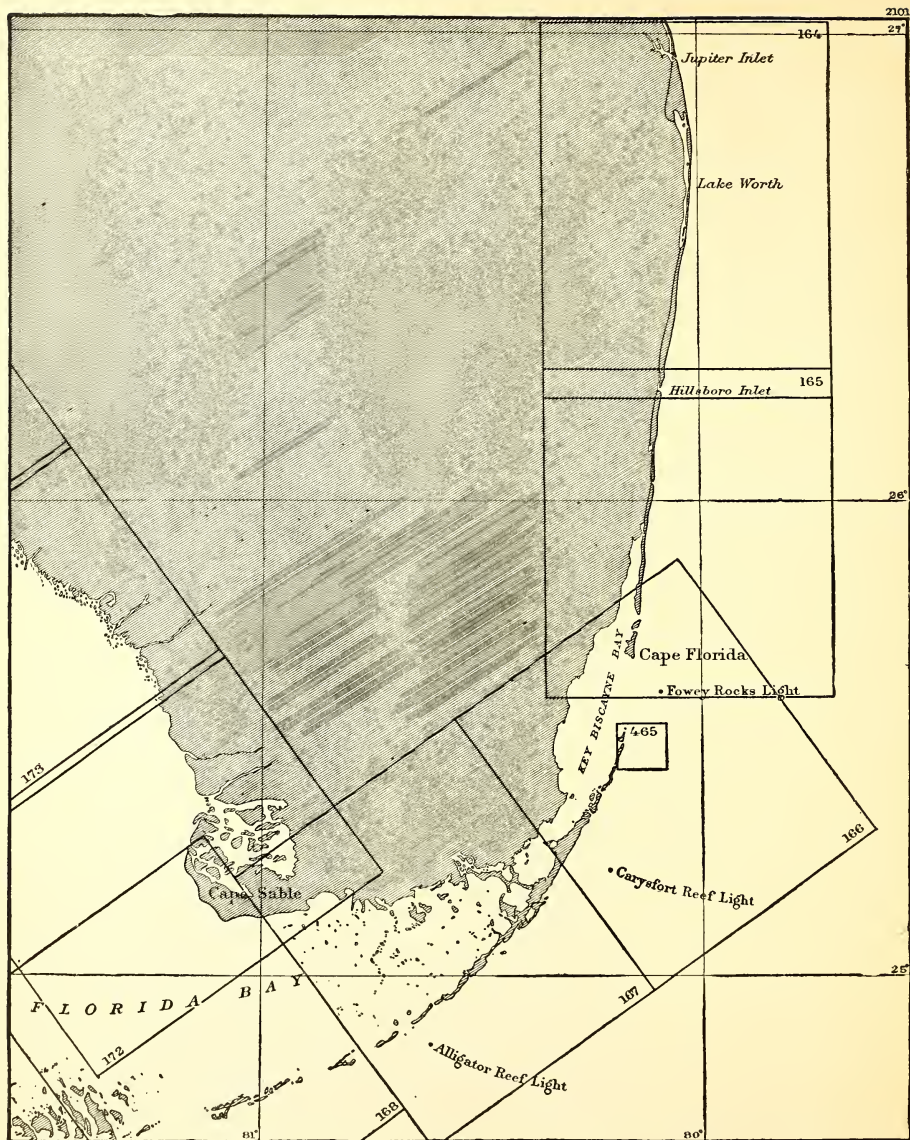




ATLANTIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

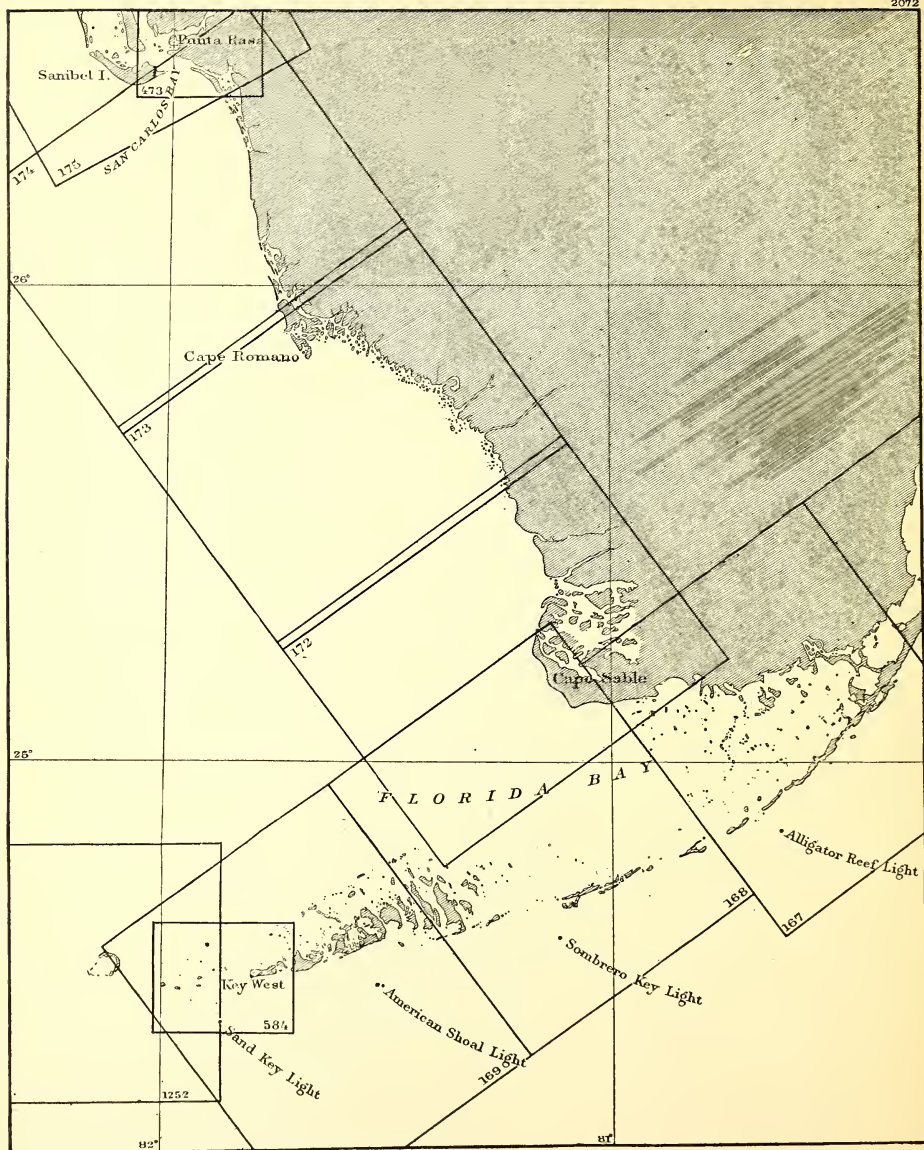
Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches)	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
161	Cape Canaveral .....	Florida .....	$\frac{1}{80,000}$	0.91	32 × 35	1883	\$0.50
162	Cape Canaveral southward to Latitude 27° 41' N. ....	Florida .....	$\frac{1}{80,000}$	0.91	32 × 43	1887	.50
163	Latitude 27° 41' N. to Jupiter Inlet .....	Florida .....	$\frac{1}{80,000}$	0.91	32 × 43	1887	.50





ATLANTIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	State.	SCALE.		Size of border (Inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
COAST AND HARBOR CHARTS—Continued.							
164	Jupiter Inlet to Hillsboro Inlet .....	Florida .....	$\frac{1}{80,000}$	0.91	32 × 41	1887	\$0.50
165	Hillsboro Inlet to Fowey Rocks .....	Florida .....	$\frac{1}{80,000}$	0.91	32 × 41	1887	.50
166	Key Biscayne to Carysfort Reef .....	Florida .....	$\frac{1}{80,000}$	0.91	32 × 40	1892	.50
465	Legaré Anchorage .....	Florida .....	$\frac{1}{20,000}$	3.65	22 × 22	1900	.15
167	Elbow Key to Matecumbe Key .....	Florida .....	$\frac{1}{80,000}$	0.91	32 × 39	1907	.50

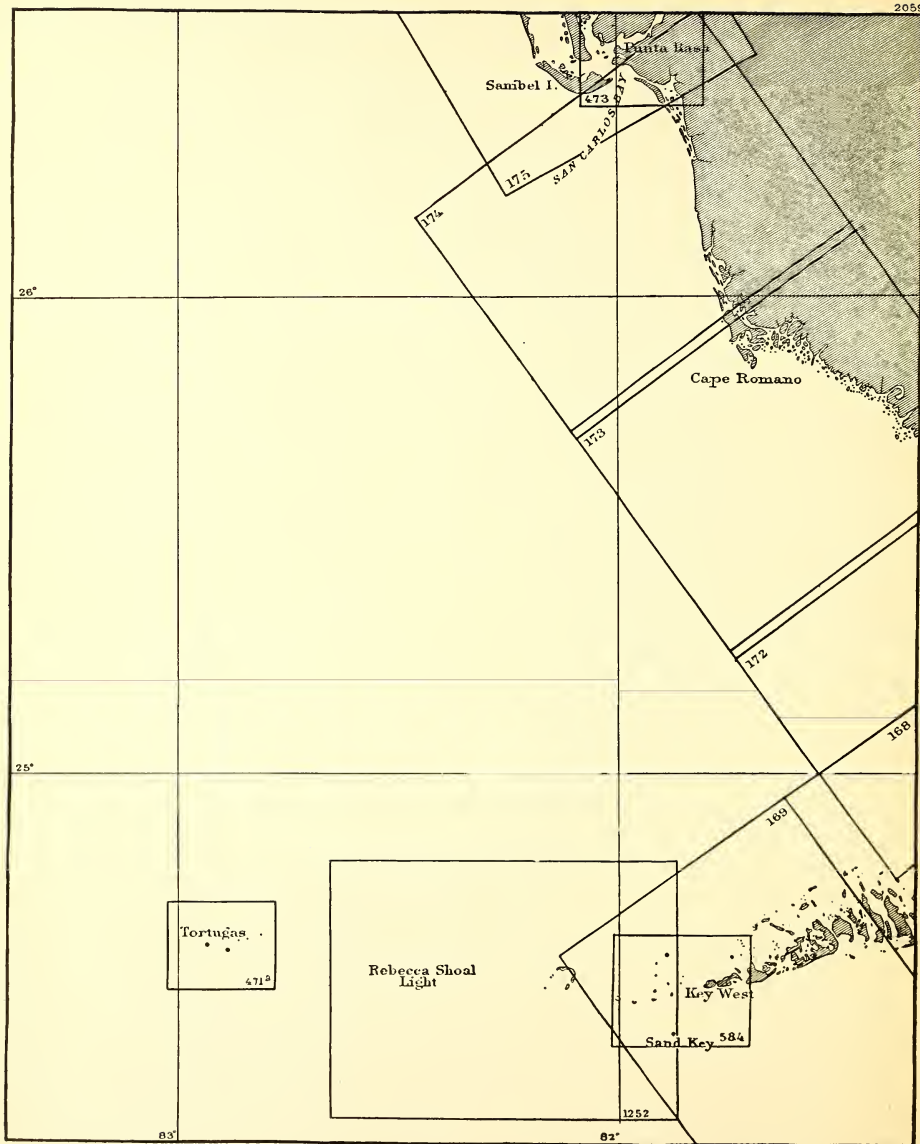




ATLANTIC AND GULF COASTS.  
GEOGRAPHICAL ARRANGEMENT.

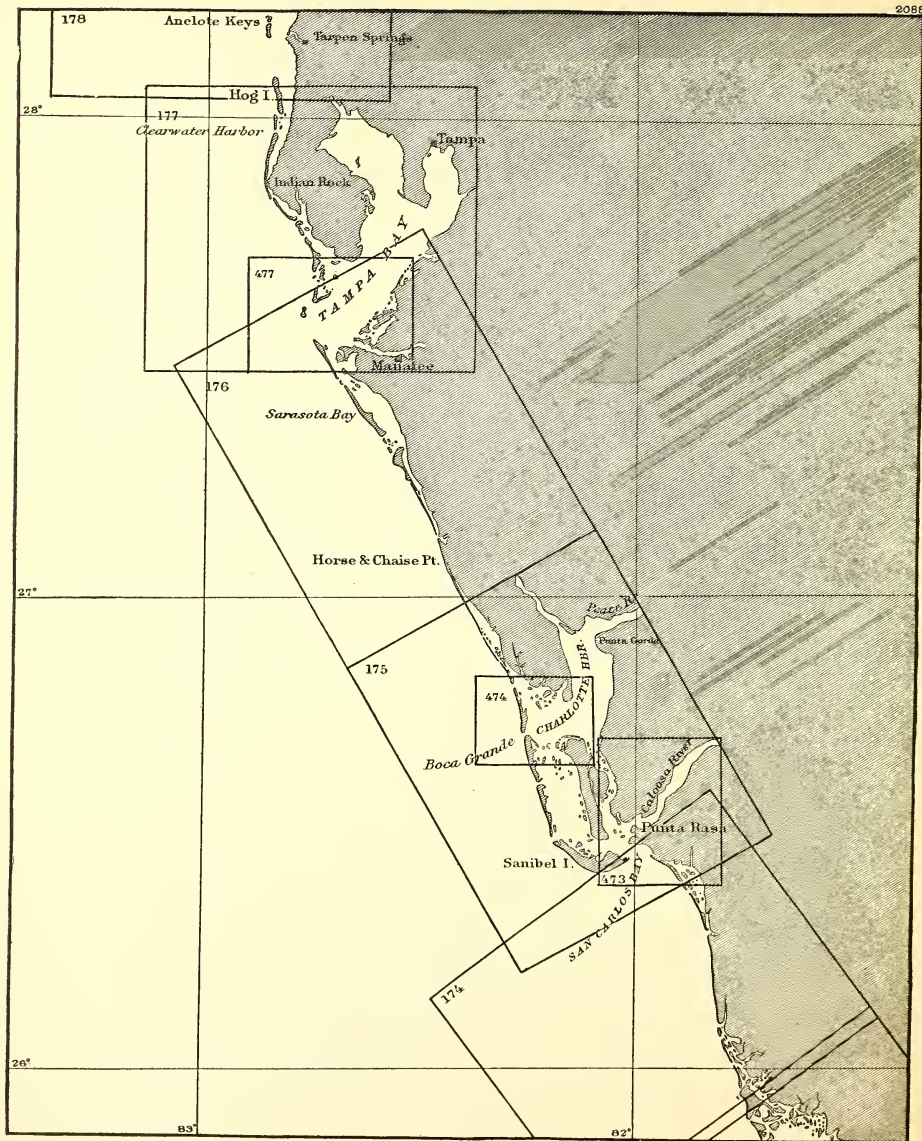
Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
168	Long Key to Newfound Harbor Key. ....	Florida .....	$\frac{1}{80,000}$	0.91	32 × 41	1895	\$0.50
169	Newfound Harbor Key to Boca Grande Key....	Florida .....	$\frac{1}{80,000}$	0.91	31 × 41	1913	.50
584	Key West Harbor and approaches .....	Florida .....	$\frac{1}{30,000}$	2.43	34 × 42	1914	.50
172	Cape Sable to Seminole Point .....	Florida .....	$\frac{1}{80,000}$	0.91	32 × 40	1895	.50
173	Seminole Point to Big Marco Pass .....	Florida .....	$\frac{1}{80,000}$	0.91	32 × 40	1893	.50





GULF COAST.  
GEOGRAPHICAL ARRANGEMENT.

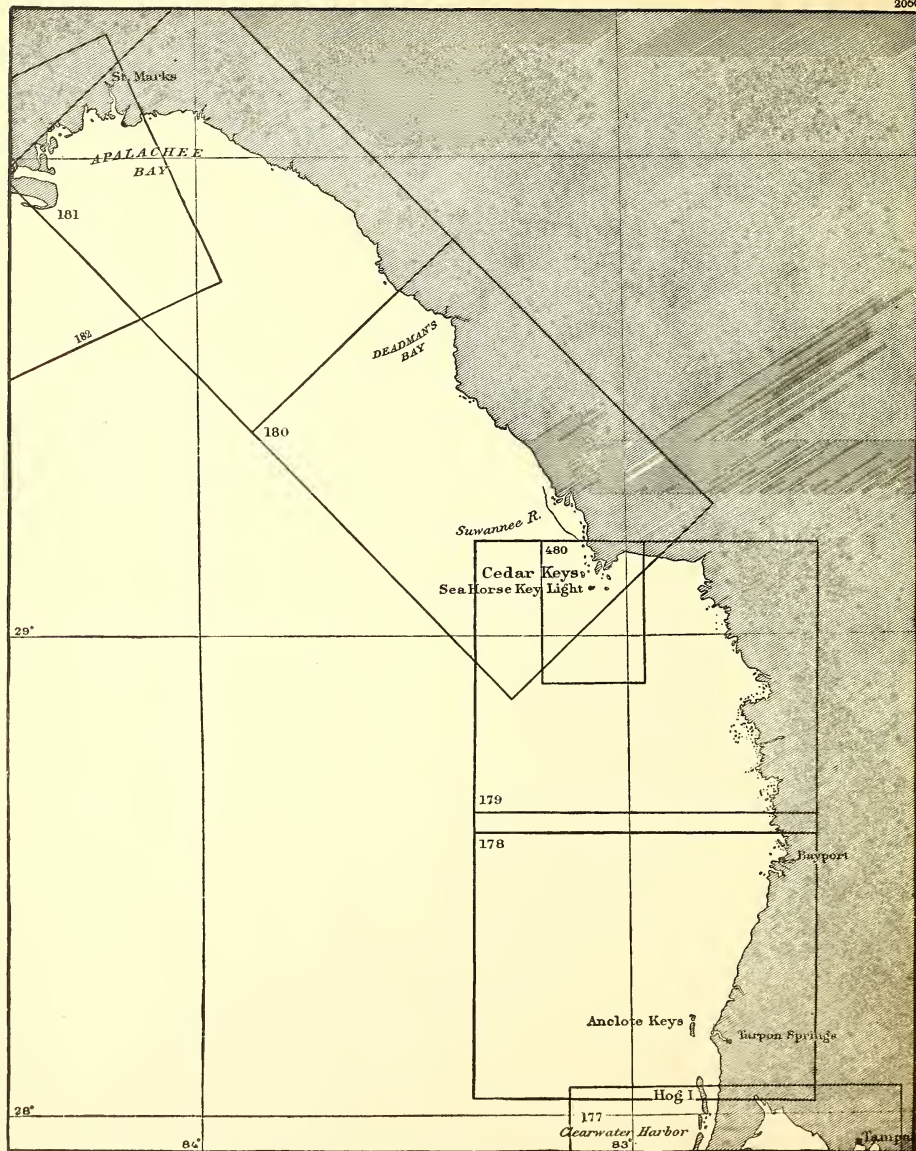
Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
1252	Sand Key Light to Rebecca Shoal .....	Florida .....	$\frac{1}{80,000}$	0.91	31 × 41	1913	\$0.50
471a	Tortugas Harbor and approaches .....	Florida .....	$\frac{1}{40,000}$	1.82	21 × 24	1904	.25
174	Big Marco Pass to San Carlos Bay .....	Florida .....	$\frac{1}{80,000}$	0.91	32 × 40	1897	.50



GULF COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

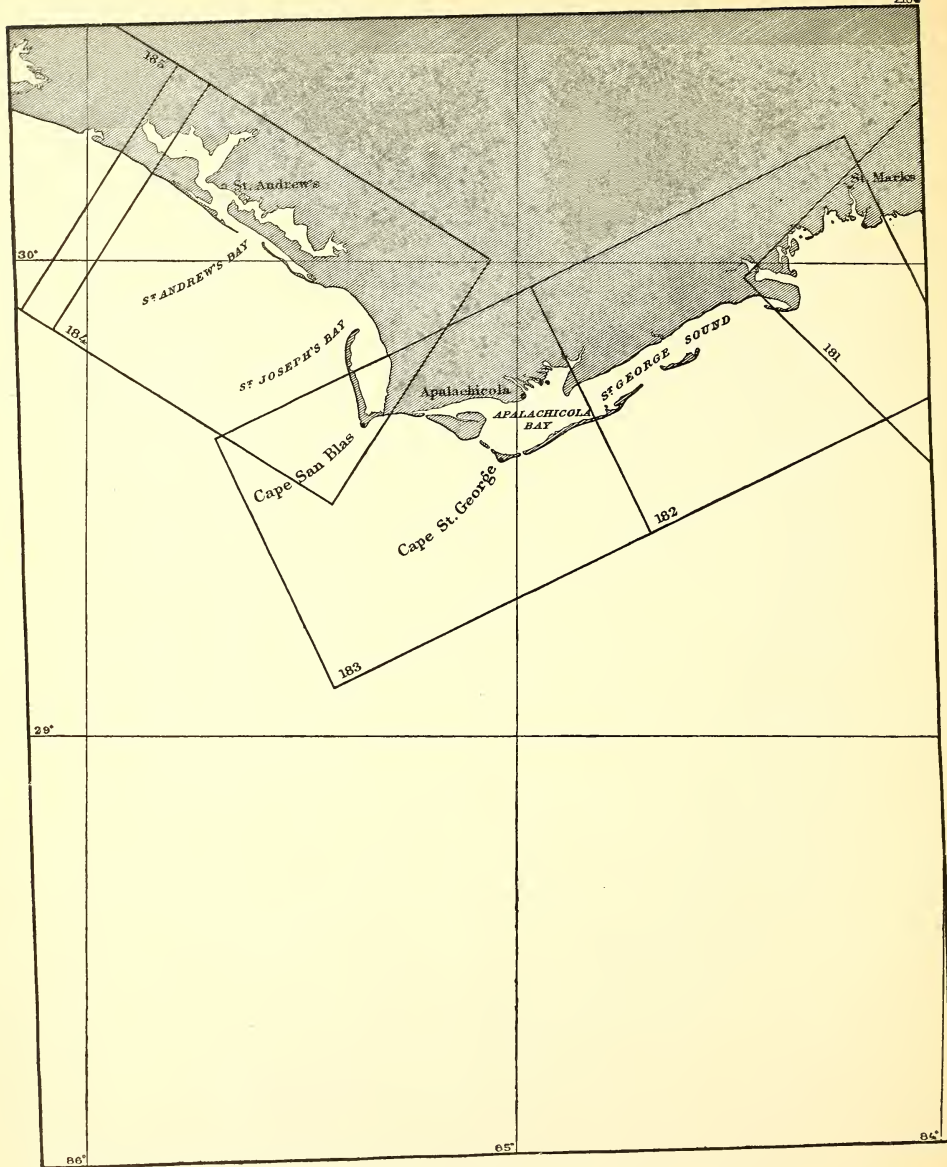
Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
175	San Carlos Bay to Lemon Bay, including Charlotte Harbor.	Florida -----	$\frac{1}{80,000}$	0.91	33 × 40	1895	\$0.50
473	San Carlos Bay and Caloosahatchee River -----	Florida -----	$\frac{1}{40,000}$	1.82	28 × 35	1909	.25
474	Main entrance to Charlotte Harbor -----	Florida -----	$\frac{1}{40,000}$	1.82	22 × 27	1912	.25
176	Lemon Bay to Tampa Bay.-----	Florida -----	$\frac{1}{80,000}$	0.91	33 × 42	1915	.50
477	Entrance to Tampa Bay -----	Florida -----	$\frac{1}{40,000}$	1.82	27 × 38	1917	.25
177	Tampa Bay -----	Florida -----	$\frac{1}{80,000}$	0.91	33 × 39	1909	.50





GULF COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

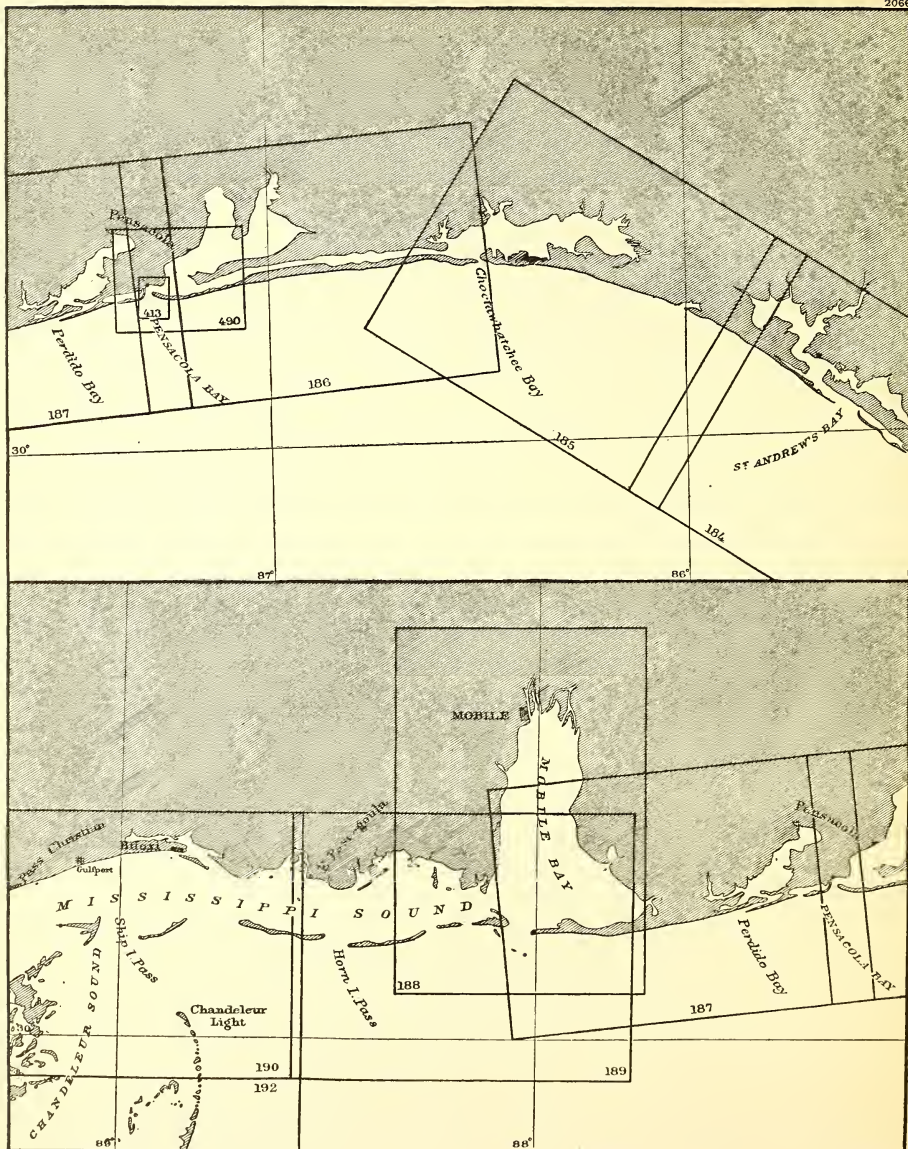
Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
178	Hog Island to Wall Creek, including Anclote Anchorage.	Florida -----	$\frac{1}{80,000}$	0.91	34 × 40	1888	\$0.50
179	Wall Creek to Cedar Keys.....	Florida -----	$\frac{1}{80,000}$	0.91	33 × 39	1890	.50
480	Cedar Keys.....	Florida -----	$\frac{1}{50,000}$	1.46	19 × 26	1887	.20
180	Cedar Keys to Deadmans Bay.....	Florida -----	$\frac{1}{80,000}$	0.91	32 × 43	1886	.50
181	Apalachee Bay.....	Florida -----	$\frac{1}{80,000}$	0.91	33 × 42	1885	.50



GULF COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
182	Apalachee Bay and St. George Sound .....	Florida .....	$\frac{1}{80,000}$	0.91	32 × 41	1883	\$0.50
183	Apalachicola Bay to Cape San Blas .....	Florida .....	$\frac{1}{80,000}$	0.91	32 × 41	1904	.50
184	St. Josephs and St. Andrews Bays .....	Florida .....	$\frac{1}{80,000}$	0.91	32 × 41	1913	.50





GULF COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
185	Choctawhatchee Bay -----	Florida -----	$\frac{1}{80,000}$	0.91	33 × 41	1886	\$0.50
186	Choctawhatchee Inlet to Pensacola entrance ....	Florida -----	$\frac{1}{80,000}$	0.91	30 × 41	1901	.50
490	Pensacola Bay -----	Florida -----	$\frac{1}{30,000}$	2.43	33 × 41	1914	.25
413	Pensacola Bay entrance -----	Florida -----	$\frac{1}{10,000}$	7.30	27 × 36	1915	.25
187	Pensacola Bay to Mobile Bay -----	Fla. and Ala. -----	$\frac{1}{80,000}$	0.91	30 × 42	1909	.50
188	Mobile Bay and entrance -----	Alabama -----	$\frac{1}{80,000}$	0.91	28 × 38	1909	.50
189	Mobile entrance and eastern part of Mississippi Sound.	Ala. and Miss. -----	$\frac{1}{80,000}$	0.91	32 × 41	1909	.50

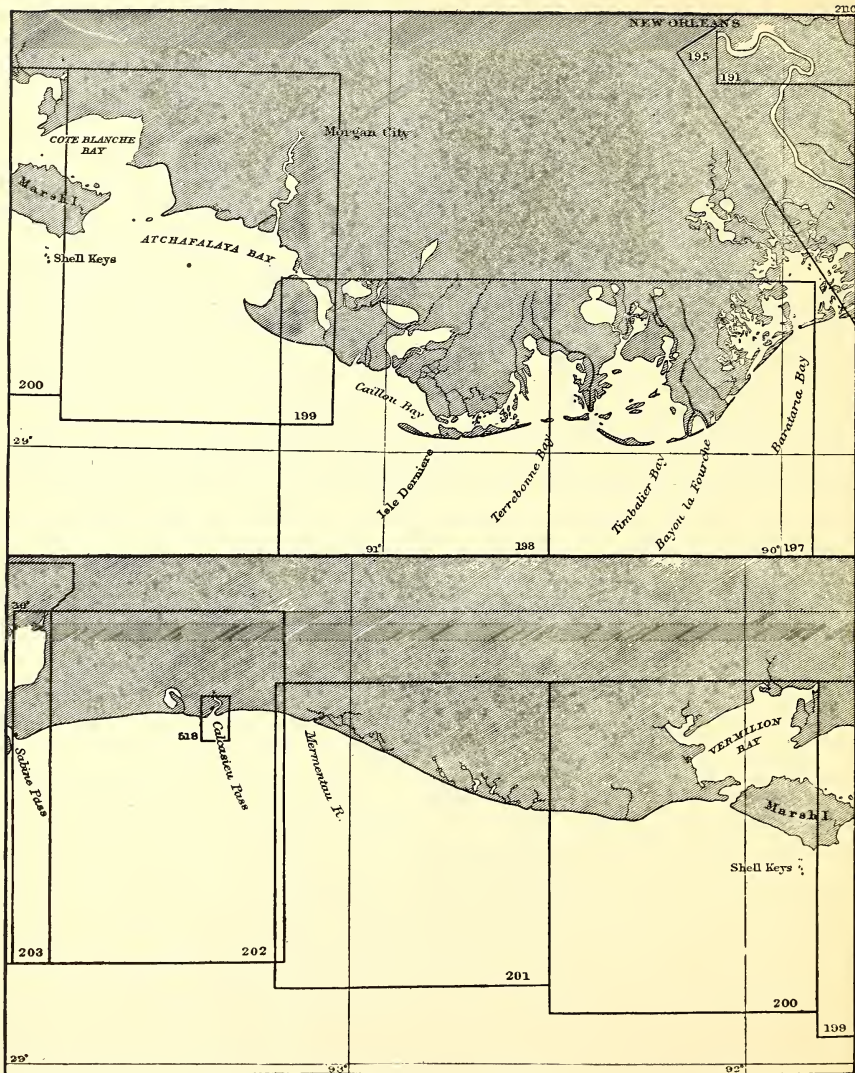




GULF COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

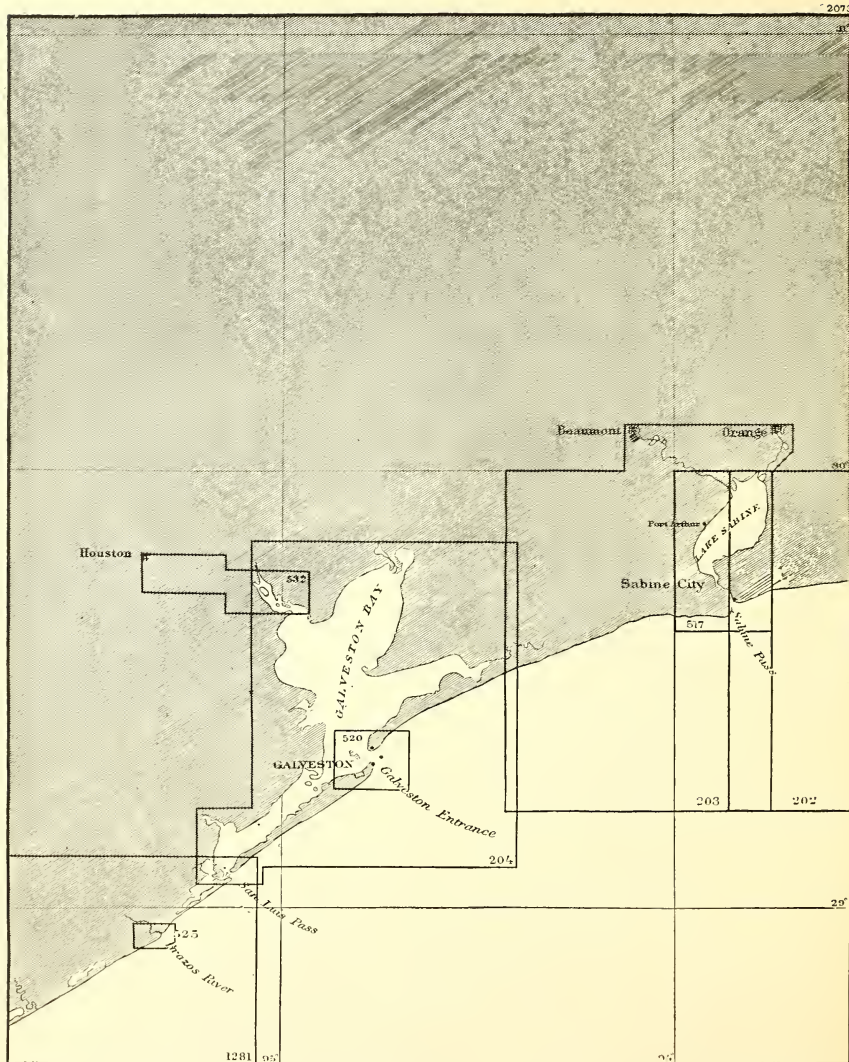
Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
190	Round Island to St. Josephs Island. ....	Miss. and La.	$\frac{1}{80,000}$	0.91	31 × 41	1908	\$0.50
191	Lakes Borgne and Pontchartrain. ....	Louisiana	$\frac{1}{80,000}$	0.91	27 × 36	1913	.50
192	Chandeleur and Breton Island Sounds. ....	Louisiana	$\frac{1}{80,000}$	0.91	32 × 42	1899	.50
193	Lakes Pontchartrain and Maurepas. ....	Louisiana	$\frac{1}{80,000}$	0.91	29 × 41	1906	.50
194	Mississippi River, from the passes to Grand Prairie.	Louisiana	$\frac{1}{80,000}$	0.91	32 × 41	1914	.50
195	Mississippi River, Grand Prairie to New Orleans.	Louisiana	$\frac{1}{80,000}$	0.91	24 × 41	1884	.50
196	Barataria Bay and approaches. ....	Louisiana	$\frac{1}{80,000}$	0.91	32 × 38	1908	.50





GULF COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
197	Barataria Bay to Terrebonne Bay .....	Louisiana .....	$\frac{1}{80,000}$	0.91	33 × 41	1908	\$0.50
198	Caillou Bay and Ship Shoal .....	Louisiana .....	$\frac{1}{80,000}$	0.91	32 × 41	1911	.50
199	Point au Fer to Marsh Island .....	Louisiana .....	$\frac{1}{80,000}$	0.91	34 × 43	1911	.50
200	Vermilion Bay to Pecan Island .....	Louisiana .....	$\frac{1}{80,000}$	0.91	33 × 41	1897	.50
201	West End of Pecan Island to the Mermentau River.	Louisiana .....	$\frac{1}{80,000}$	0.91	33 × 38	1894	.50
202	Calcasieu Pass to Sabine Light .....	Louisiana .....	$\frac{1}{80,000}$	0.91	33 × 43	1916	.50
518	Calcasieu Pass .....	Louisiana .....	$\frac{1}{20,000}$	3.65	14 × 21	1906	.20

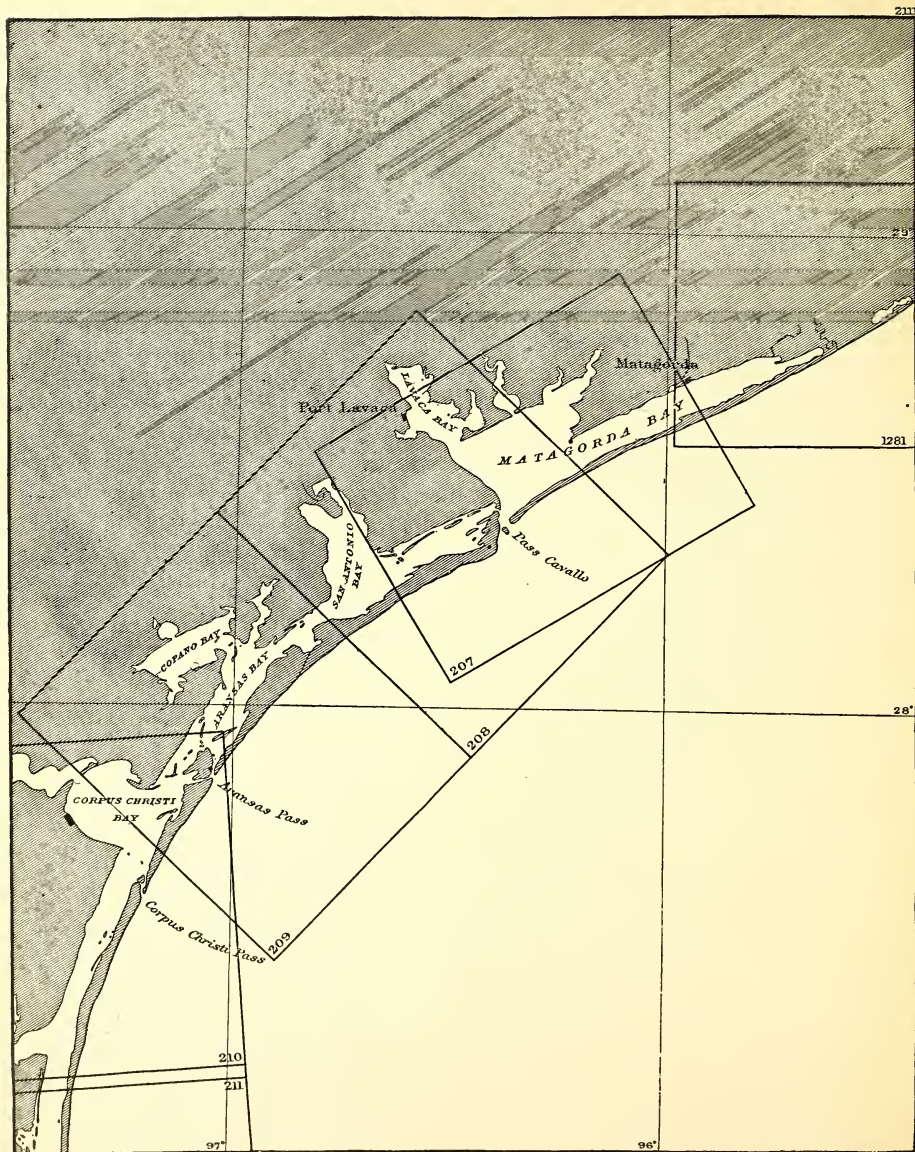




GULF COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

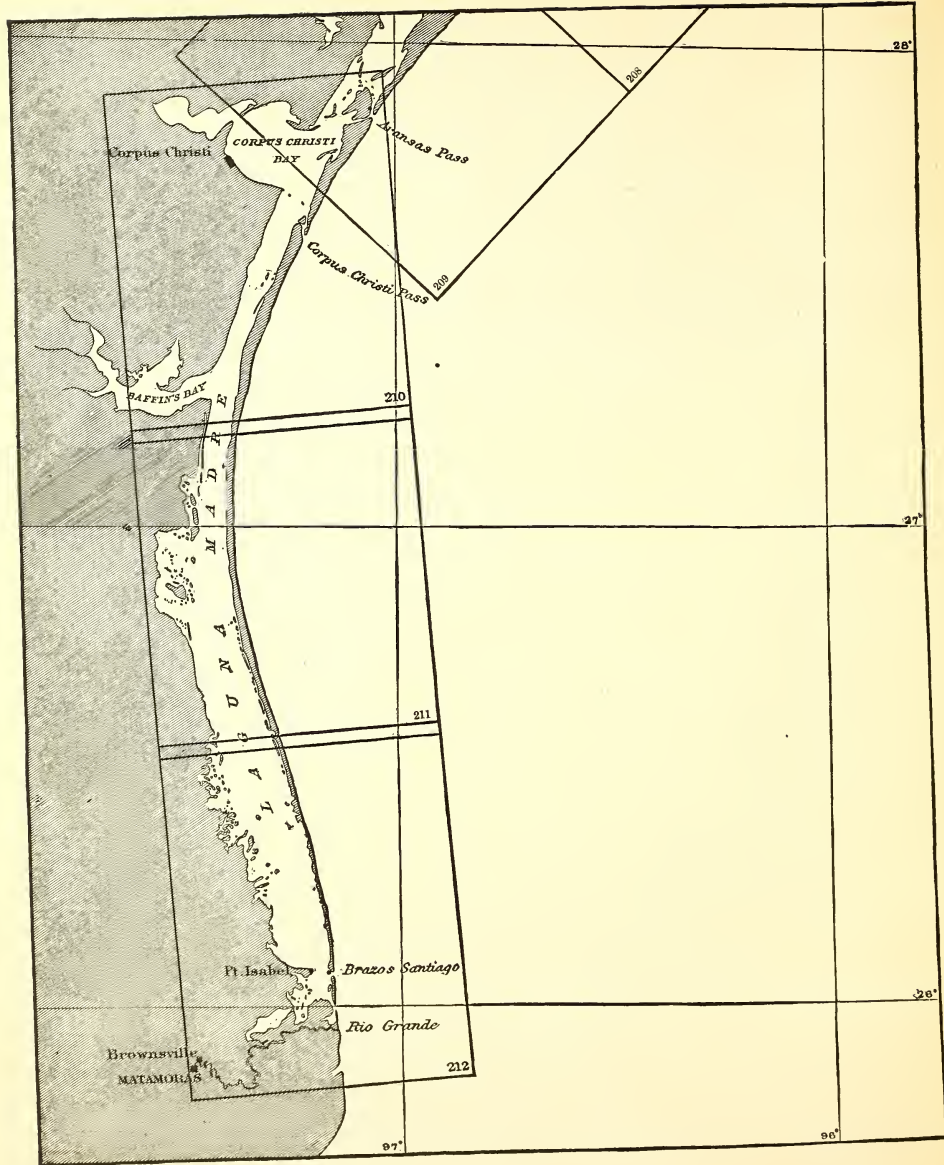
Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
COAST AND HARBOR CHARTS—Continued.							
203	Sabine Pass to High Island .....	Texas .....	$\frac{1}{80,000}$	0.91	32 × 42	1917	\$0.50
517	Sabine Pass and Lake .....	Texas .....	$\frac{1}{40,000}$	1.82	25 × 41	1916	.50
204	Galveston Bay .....	Texas .....	$\frac{1}{80,000}$	0.91	33 × 41	1917	.50
520	Galveston Entrance .....	Texas .....	$\frac{1}{40,000}$	1.82	16 × 22	1917	.15
532	Houston Ship Channel .....	Texas .....	$\frac{1}{25,000}$	3.04	29 × 34	1915	.50
525	Brazos River entrance .....	Texas .....	$\frac{1}{10,000}$	7.30	29 × 39	1915	.50
1281	San Luis Pass to Matagorda Bay .....	Texas .....	$\frac{1}{80,000}$	0.91	32 × 46	1917	.50





GULF COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

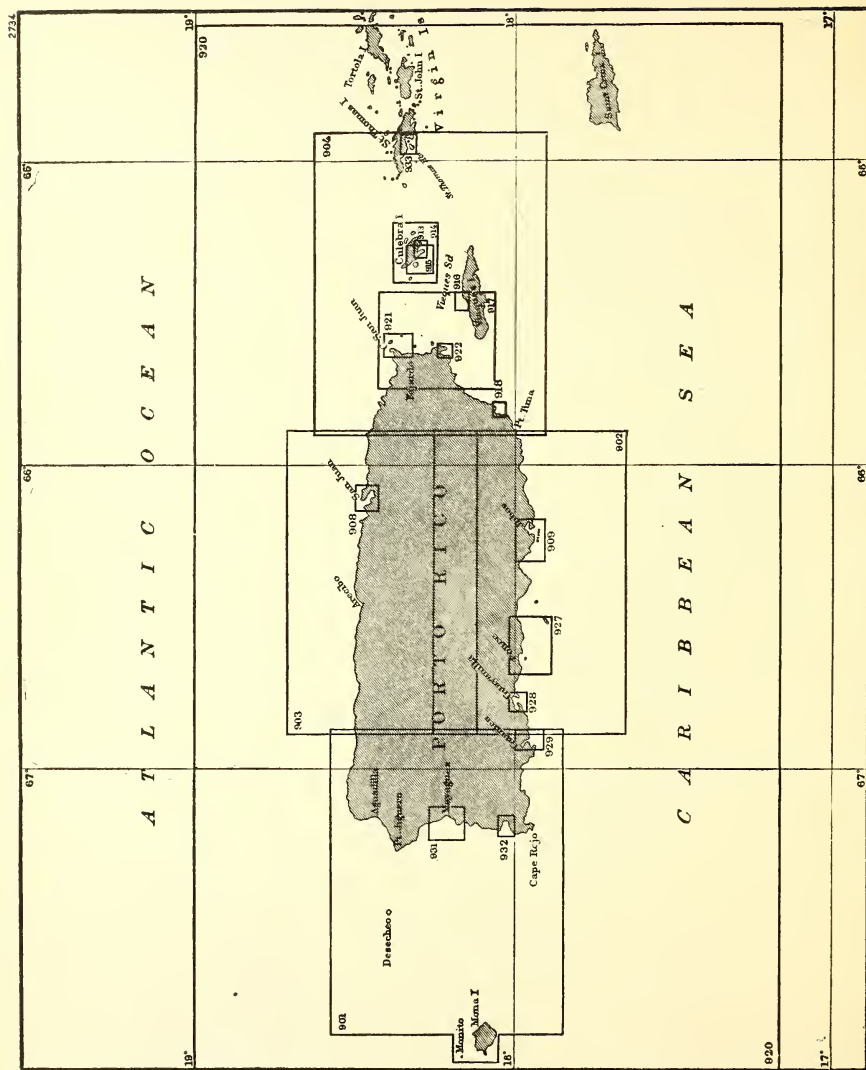
Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
207	Matagorda Bay .....	Texas .....	$\frac{1}{80,000}$	0.91	32 × 40	1909	\$0.50
208	Pass Cavallo, Lavaca, and San Antonio Bays...	Texas .....	$\frac{1}{80,000}$	0.91	33 × 41	1888	.50
209	Aransas Pass, Aransas and Copano Bays .....	Texas .....	$\frac{1}{80,000}$	0.91	33 × 41	1900	.50



GULF COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
210	Aransas Pass and Corpus Christi Bay, with the coast to Latitude 27° 12'.	Texas -----	$\frac{1}{80,000}$	0.91	33 × 41	1913	\$0.50
211	Padre Island, Latitude 27° 12' to Latitude 26° 33'.	Texas -----	$\frac{1}{80,000}$	0.91	33 × 41	1913	.50
212	Latitude 26° 33' to the Rio Grande -----	Texas -----	$\frac{1}{80,000}$	0.91	33 × 41	1916	.50



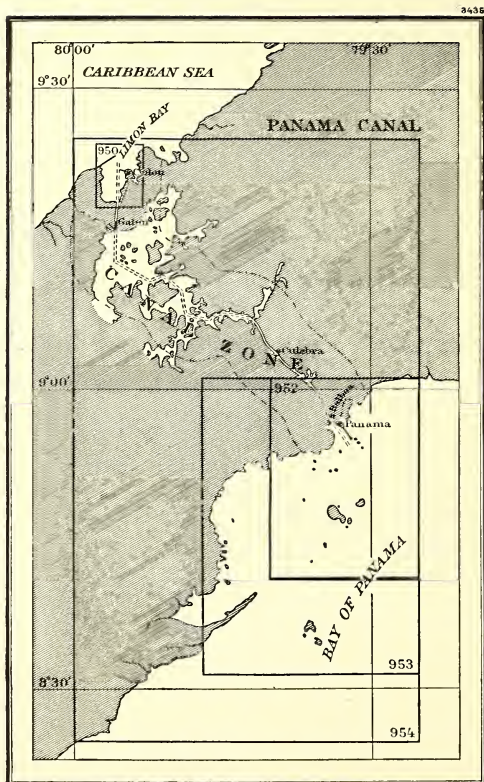


## CHARTS OF THE WEST INDIES.

## GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	Average.	Inches to degree of mid-latitude.	Size of border (inches).	Date of last edition.	Price.
GENERAL CHART OF THE COAST.						
920	Porto Rico and Virgin Islands, West Indies.....	$\frac{1}{325,000}$	13.5	26×47	1917	\$0.50

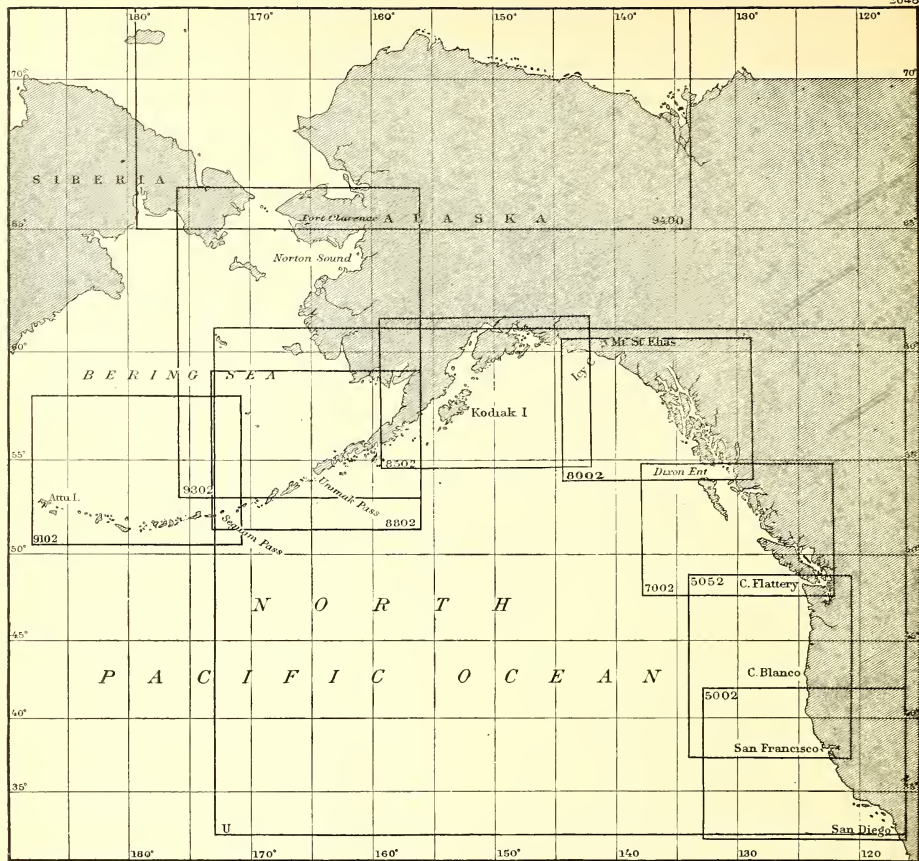
Catalogue number.	TITLE.	Island.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
COAST AND HARBOR CHARTS.							
901	West Coast of Porto Rico.....		$\frac{1}{100,000}$	0.73	33 × 43	1910	\$0.50
902	South Coast of Porto Rico.....		$\frac{1}{100,000}$	0.73	31 × 43	1908	.50
903	North Coast of Porto Rico.....		$\frac{1}{100,000}$	0.73	31 × 42	1909	.50
	Porto Arecibo.....		$\frac{1}{20,000}$				
904	Virgin Passage and Vieques Sound.....		$\frac{1}{100,000}$	0.73	32 × 42	1917	.50
908	San Juan Harbor.....	Porto Rico.....	$\frac{1}{10,000}$	7.30	33 × 39	1915	.50
921	Fajardó Harbor and approaches.....	Porto Rico.....	$\frac{1}{10,000}$	7.30	32 × 41	1902	.50
922	Ensenada Honda.....	Porto Rico.....	$\frac{1}{10,000}$	7.30	24 × 25	1903	.25
916	Port Mulas and approaches.....	Vieques.....	$\frac{1}{10,000}$	7.30	23 × 26	1903	.25
917	San Juan Passage to Port Humaca and western part of Vieques Island.		$\frac{1}{40,000}$	1.82	33 × 41	1911	.50
914	Culebra Island and approaches.....		$\frac{1}{20,000}$	3.65	32 × 43	1914	.50
913	Great Harbor.....	Culebra.....	$\frac{1}{6,500}$	11.23	31 × 38	1914	.50
918	Port Yabucoa.....	Porto Rico.....	$\frac{1}{10,000}$	7.30	19 × 20	1910	.25
909	Jobos Harbor.....	Porto Rico.....	$\frac{1}{20,000}$	3.65	29 × 33	1909	.25
927	Ponce Harbor and approaches.....	Porto Rico.....	$\frac{1}{20,000}$	3.65	32 × 39	1908	.50
928	Guayanilla Harbor.....	Porto Rico.....	$\frac{1}{10,000}$	7.30	33 × 36	1903	.50
929	Guanica Harbor.....	Porto Rico.....	$\frac{1}{10,000}$	7.30	30 × 36	1903	.50
932	Boqueron Bay.....	Porto Rico.....	$\frac{1}{10,000}$	7.30	23 × 24	1905	.25
931	Mayaguez Bay and approaches.....	Porto Rico.....	$\frac{1}{15,000}$	4.86	31 × 35	1911	.50
915	Target Bay and vicinity.....	Culebra.....	$\frac{1}{10,000}$	7.30	25 × 37	1914	.25
933	Harbor of St. Thomas.....	W. I.....	$\frac{1}{10,000}$	7.30	19 × 28	1917	.30



PANAMA—CANAL ZONE.  
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	SCALE.		Size of border (inches).	Date of last edition.	Price.
		Average.	Inches to nautical miles.			
	<b>COAST AND HARBOR CHARTS.</b>					
950	Colon Harbor, Panama .....	$\frac{1}{15,000}$	4.86	28 × 35	1915	\$0.50
952	Approaches to Panama Canal, Pacific Coast.....	$\frac{1}{40,000}$	1.82	28 × 37	1915	.50
953	Approaches to Panama Canal, Pacific Coast.....	$\frac{1}{80,000}$	0.91	21 × 29	1915	.30
954	Panama Canal and approaches.....	$\frac{1}{145,925}$	0.50	18 × 31	1914	.30

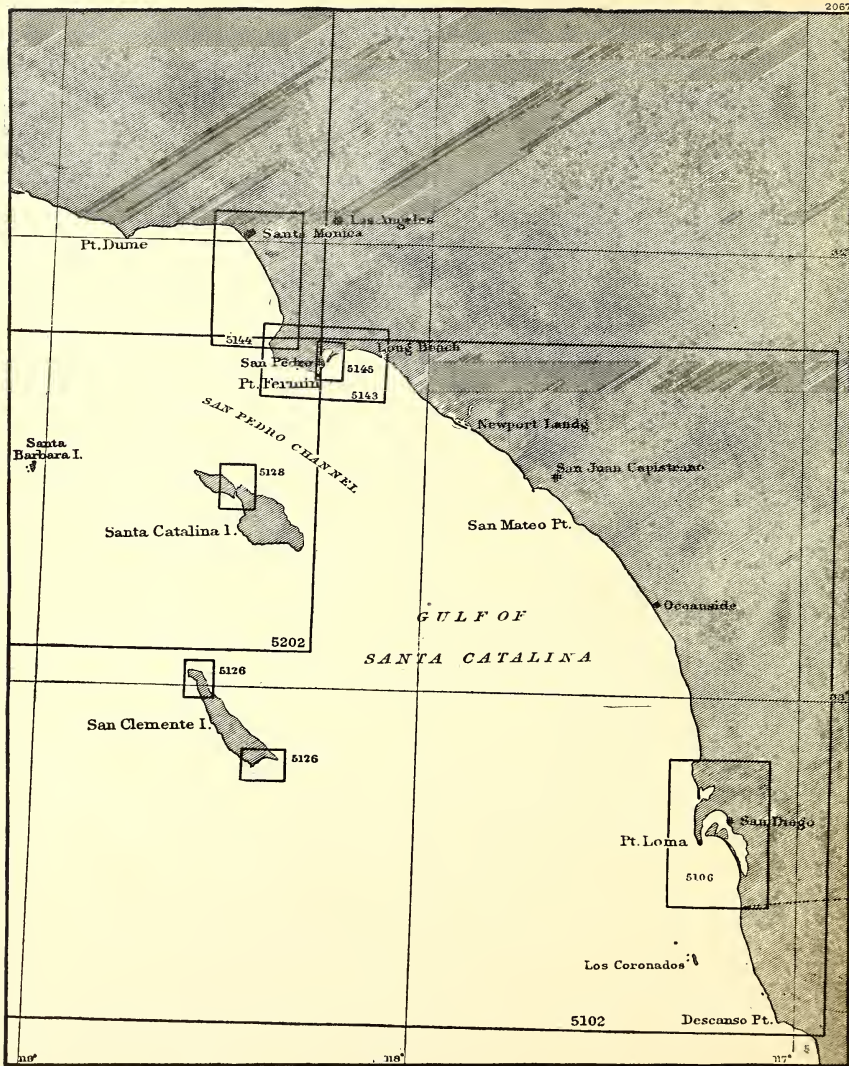




# CHARTS OF THE PACIFIC COAST.

## GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	SCALE.		Size of border (inches).	Date of last edition.	Price.
		Average.	Inches to degree of mid-latitude.			
	<b>SAILING CHARTS.</b>					
U.	San Diego to Bering Sea .....	$\frac{1}{4,500,000}$	0.0162	29 × 38	1916	\$0.50
5002	San Diego to Point St. George .....	$\frac{1}{1,499,000}$	3.0	32 × 41	1914	.50
5052	San Francisco to Cape Flattery .....	$\frac{1}{1,301,000}$	3.3	33 × 33	1916	.50
7002	Cape Flattery to Dixon Entrance .....	$\frac{1}{1,198,000}$	3.8	29 × 40	1911	.50
8002	Dixon Entrance to Cape St. Elias .....	$\frac{1}{1,000,000}$	4.5	31 × 40	1914	.50
8502	Cape St. Elias to Shumagin Islands .....	$\frac{1}{1,000,000}$	4.5	34 × 42	1914	.50
8802	Alaska Peninsula and Aleutian Islands to Seguan Pass .....	$\frac{1}{999,000}$	4.2	34 × 42	1917	.50
9102	Aleutian Islands, Amukta Island to Attu Island .....	$\frac{1}{999,000}$	4.2	33 × 43	1916	.50
9302	Bering Sea, eastern part .....	$\frac{1}{1,000,000}$	2.9	30 × 38	1916	.50
	Port Clarence, Scale $\frac{1}{230,000}$ .....					
9400	Arctic Coast of Alaska .....	$\frac{1}{1,000,000}$	2.7	26 × 44	1914	.40



PACIFIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

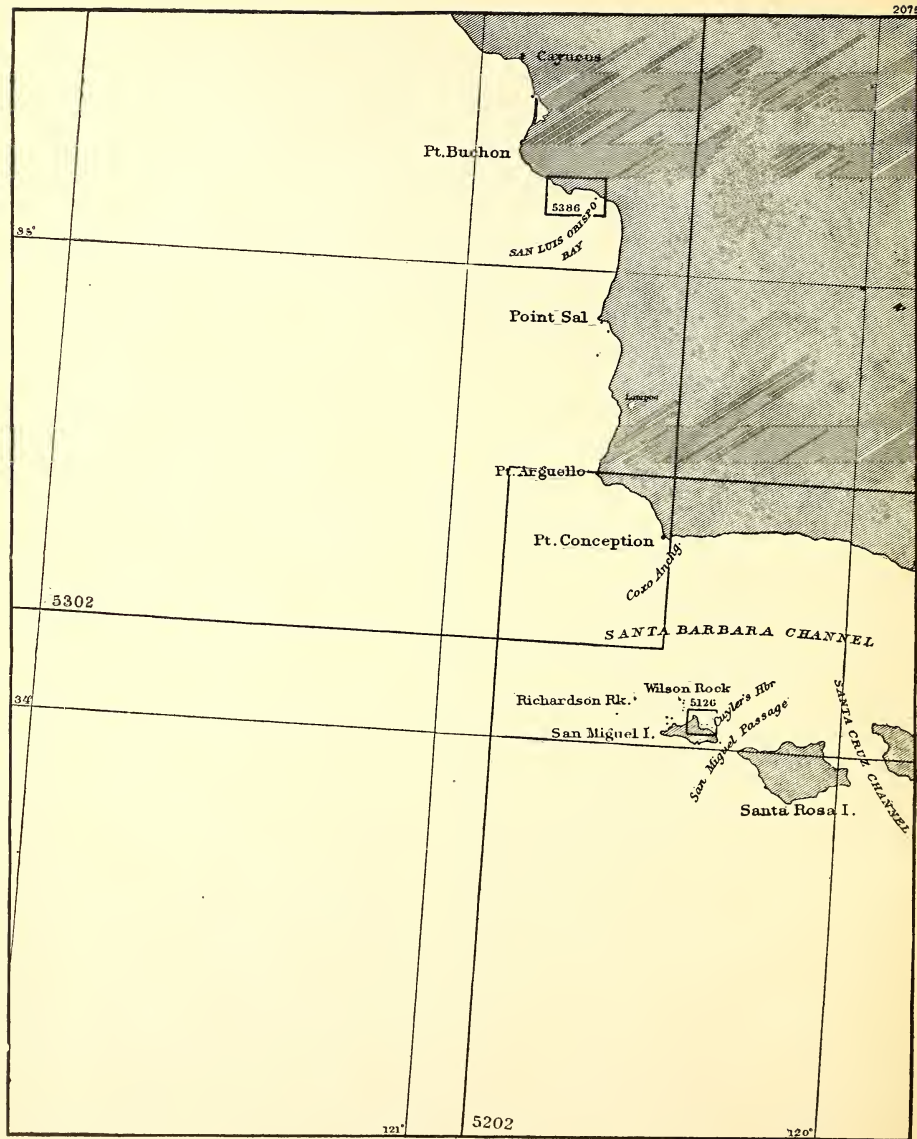
Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	<b>GENERAL CHARTS OF THE COAST AND HARBOR CHARTS.</b>						
5102	San Diego to Point Fermin.....	California.....	$\frac{1}{200,000}$	0.36	31 × 41	1916	\$0.50
5106	San Diego Bay .....	California.....	$\frac{1}{40,000}$	1.82	24 × 36	1917	.25
	Entrance .....		$\frac{1}{20,000}$	3.65			
5126	Harbor Charts, Santa Barbara Islands .....	California.....			28 × 31	1896	.25
	SE. Anchorage, San Clemente Island.....		$\frac{1}{30,000}$	2.43			
	NW. Harbor, San Clemente Island.....		$\frac{1}{20,000}$	3.65			
	Anacapa Island and eastern part of Santa Cruz Island.....		$\frac{1}{30,000}$	2.43			
	Prisoners Harbor, Santa Cruz Island.....		$\frac{1}{20,000}$	3.65			
	Cuylers Harbor, San Miguel Island .....		$\frac{1}{20,000}$	3.65			
5128	Catalina Harbor and Isthmus Cove .....	California.....	$\frac{1}{10,000}$	7.30	25 × 29	1891	.20
5143	Los Angeles Harbor and vicinity.....	California.....	$\frac{1}{40,000}$	1.82	24 × 31	1914	.25
5144	Santa Monica Bay.....	California.....	$\frac{1}{40,000}$	1.82	22 × 34	1911	.25
5145	Los Angeles Harbor.....	California.....	$\frac{1}{10,000}$	7.30	27 × 37	1916	.25





PACIFIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

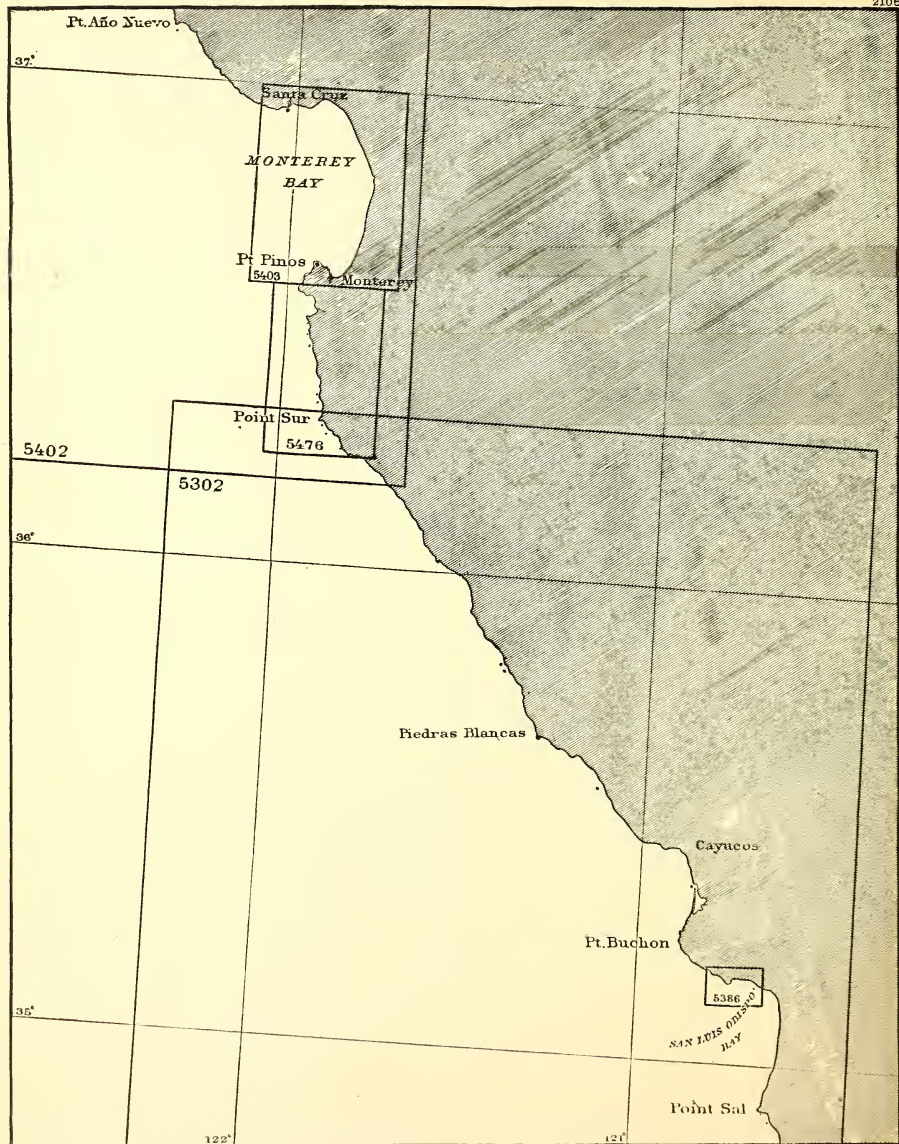
Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
5261	Santa Barbara .....	California .....	$\frac{1}{20,000}$	3.65	20 × 27	1898	\$0.25
5202	Point Firmin to Point Conception .....	California .....	$\frac{1}{200,000}$	.36	31 × 44	1915	.50



PACIFIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

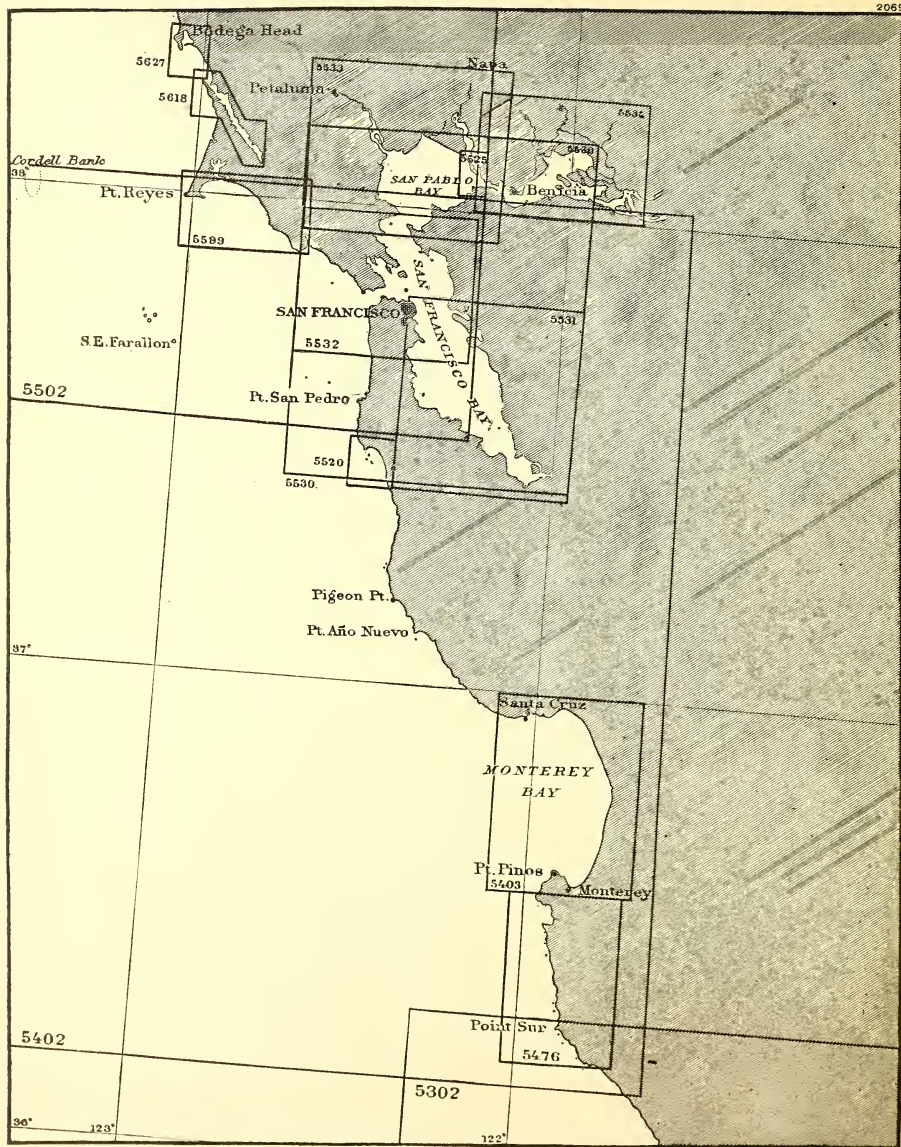
Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
5386	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
	San Luis Obispo Bay and approaches.....	California.....	$\frac{1}{20,000}$	3.65	17 × 26	1912	\$0.20





PACIFIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
5302	Point Conception to Point Sur.....	California.....	$\frac{1}{216,000}$	0.34	31 × 44	1914	\$0.50
5476	Pfeiffer Point to Cypress Point.....	California.....	$\frac{1}{40,000}$	1.82	26 × 42	1910	.50
5403	Monterey Bay.....	California.....	$\frac{1}{50,000}$	1.46	29 × 38	1911	.50



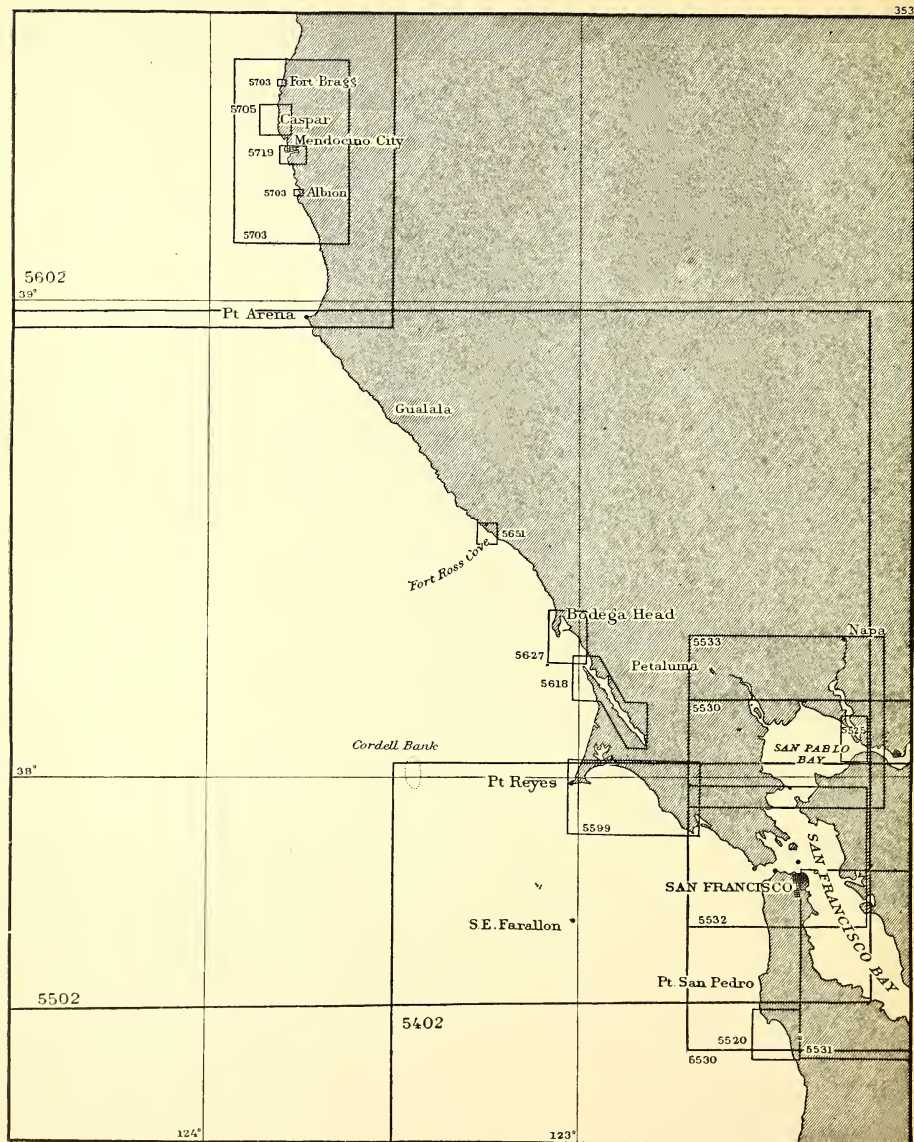


## PACIFIC COAST—CONTINUED.

## GEOGRAPHICAL ARRANGEMENT.

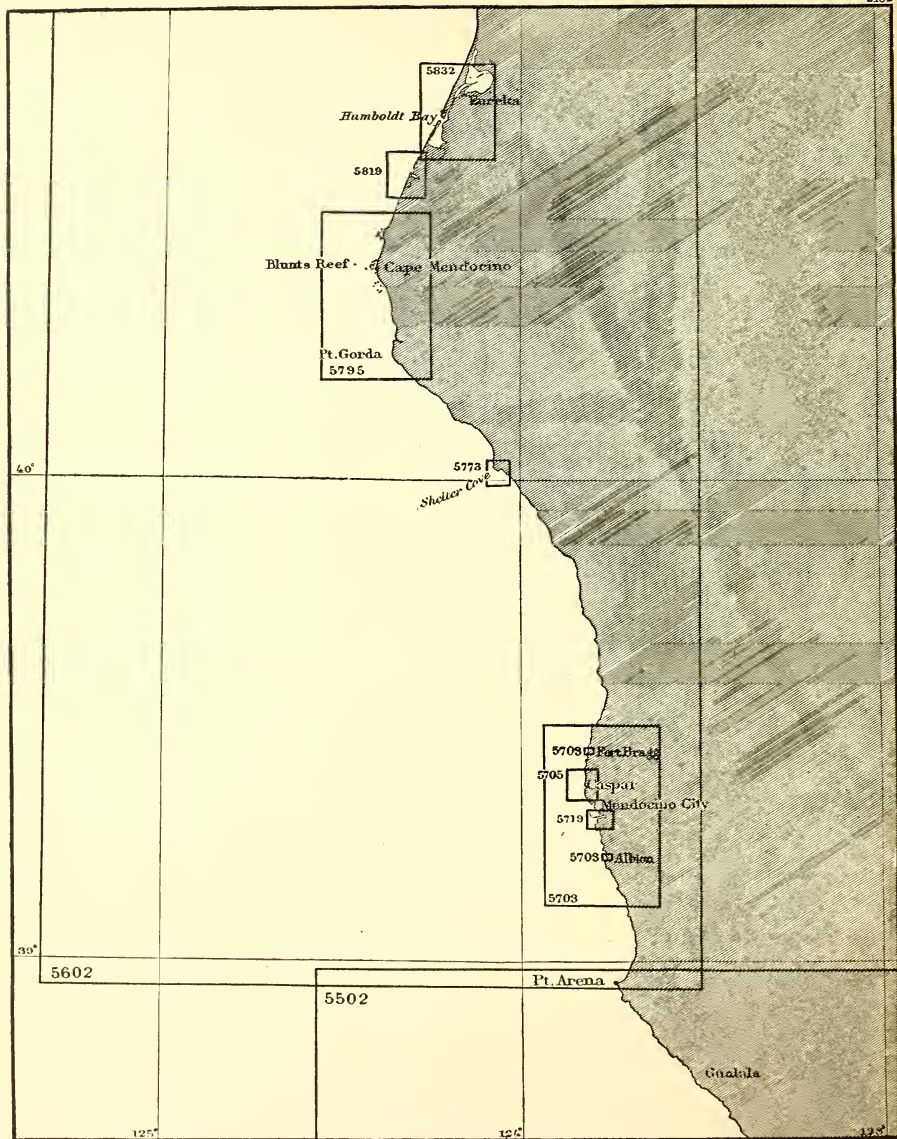
Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches.)	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
5520	Half Moon Bay.....	California.....	$\frac{1}{20,000}$	3. 65	18 × 20	1879	\$0. 15
5530	San Francisco Bay.....	California.....	$\frac{1}{80,000}$	0. 91	34 × 41	1910	. 50
5531	San Francisco Bay, southern part.....	California.....	$\frac{1}{50,000}$	1. 46	33 × 36	1911	. 50
5532	San Francisco Entrance.....	California.....	$\frac{1}{40,000}$	1. 82	34 × 42	1915	. 50
5533	San Pablo Bay.....	California.....	$\frac{1}{40,000}$	1. 82	33 × 41	1915	. 50
5534	Suisun Bay.....	California.....	$\frac{1}{40,000}$	1. 82	29 × 41	1914	. 50
5525	Mare Island Strait.....	California.....	$\frac{1}{10,000}$	7. 30	23 × 35	1916	. 20
5599	Drakes Bay.....	California.....	$\frac{1}{40,000}$	1. 82	19 × 30	1883	. 20
<b>5402</b>	Point Sur to San Francisco.....	California.....	$\frac{1}{200,000}$	0. 36	32 × 40	1915	. 50





PACIFIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
5502	San Francisco to Point Arena.....	California.....	$\frac{1}{200,000}$	0.36	32 × 40	1912	\$0.50
5618	Tomales Bay.....	California.....	$\frac{1}{30,000}$	2.43	15 × 24	1878	.25
5627	Bodega Bay.....	California.....	$\frac{1}{30,000}$	2.43	13 × 17	1864	.20
5651	Fort Ross Cove.....	California.....	$\frac{1}{6,000}$	12.16	10 × 15	1905	.20

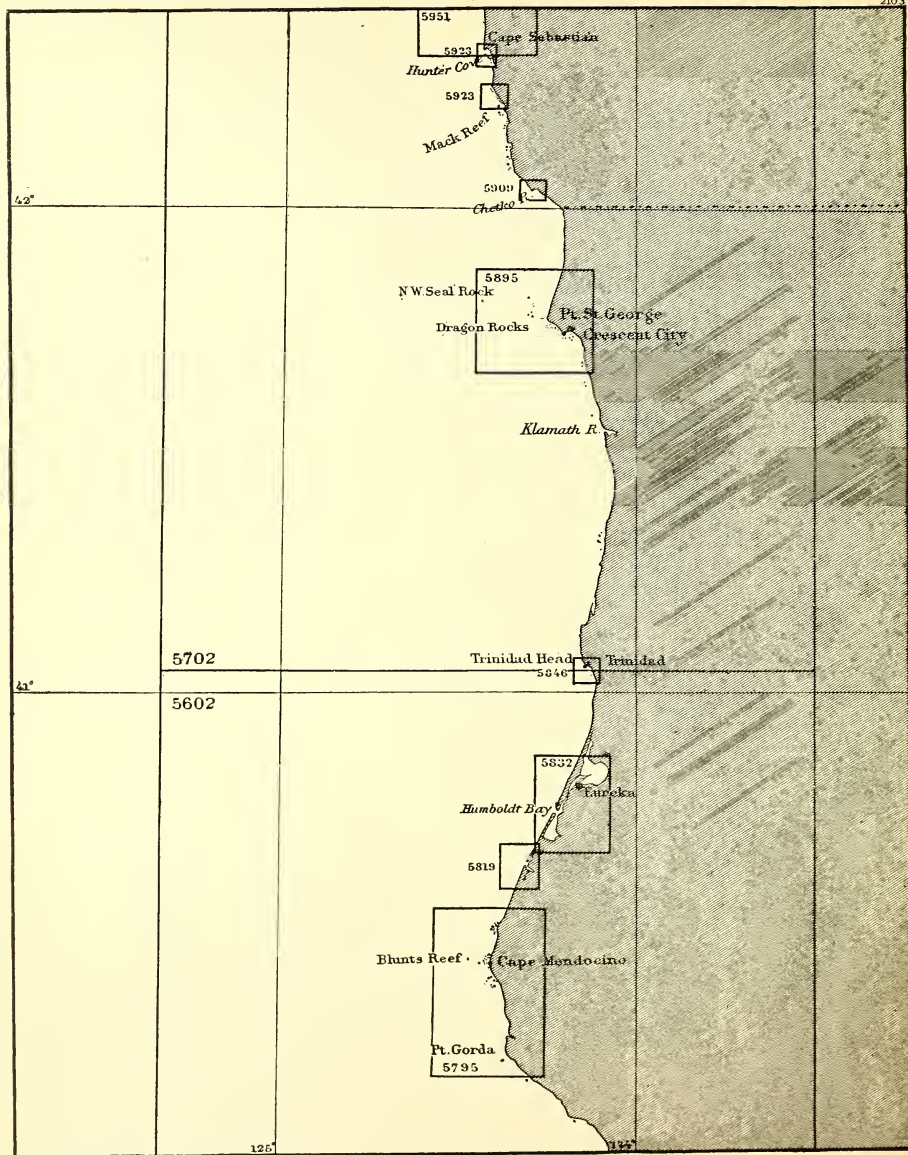




PACIFIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

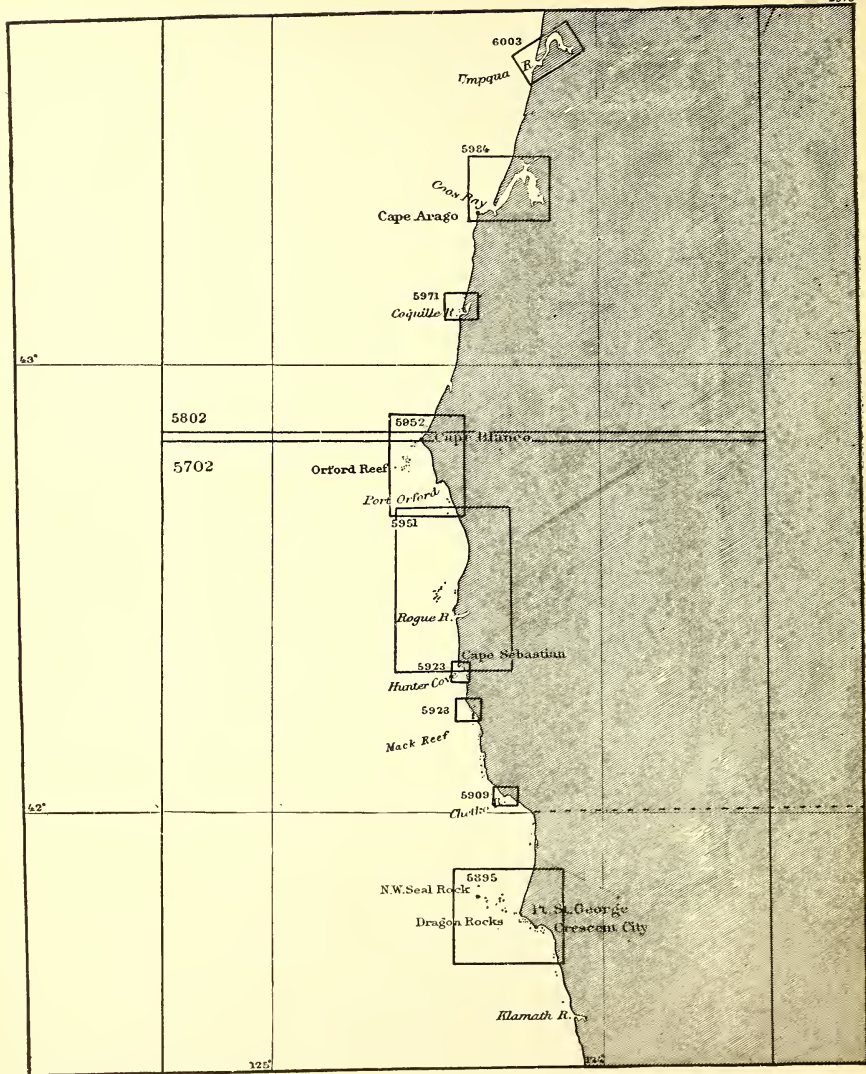
Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to statute mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
5602	Point Arena to Trinidad Head .....	California .....	$\frac{1}{200,000}$	0.36	32 × 46	1915	\$0.50
5719	Mendocino Bay .....	California .....	$\frac{1}{10,000}$	7.30	15 × 19	1912	.20
5708	Greenwood to Fort Bragg .....	California .....	$\frac{1}{40,000}$	1.82	27 × 43	1911	.50
	Fort Bragg Landing .....		$\frac{1}{10,000}$	7.30			
	Approaches to Albion .....		$\frac{1}{10,000}$	7.30			
5705	Caspar Anchorage and approaches .....	California .....	$\frac{1}{10,000}$	7.30	30 × 31	1912	.50
5773	Shelter Cove .....	California .....	$\frac{1}{15,000}$	4.86	12 × 14	1913	.20
5795	Cape Mendocino and vicinity .....	California .....	$\frac{1}{40,000}$	1.82	25 × 38	1896	.40





PACIFIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

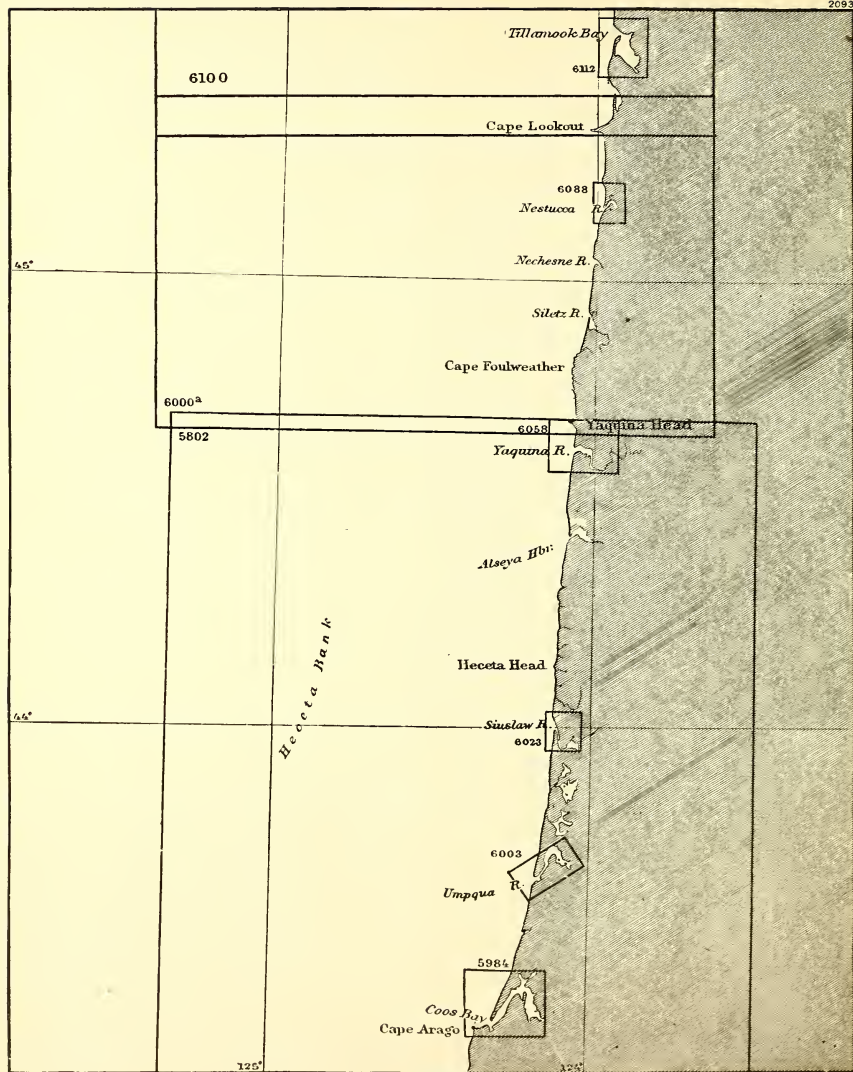
Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
5819	Entrance to Eel River .....	California.....	$\frac{1}{20,000}$	3.65	18 × 21	1899	\$0.25
5832	Humboldt Bay .....	California.....	$\frac{1}{30,000}$	2.43	25 × 30	1916	.50
5846	Trinidad Harbor .....	California.....	$\frac{1}{15,000}$	5.48	14 × 18	1874	.20
5895	St. George Reef and Crescent City.....	California.....	$\frac{1}{40,000}$	1.82	21 × 25	1917	.20
5702	Trinidad Head to Cape Blanco .....	California.....	$\frac{1}{200,000}$	.36	31 × 41	1915	.50



PACIFIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

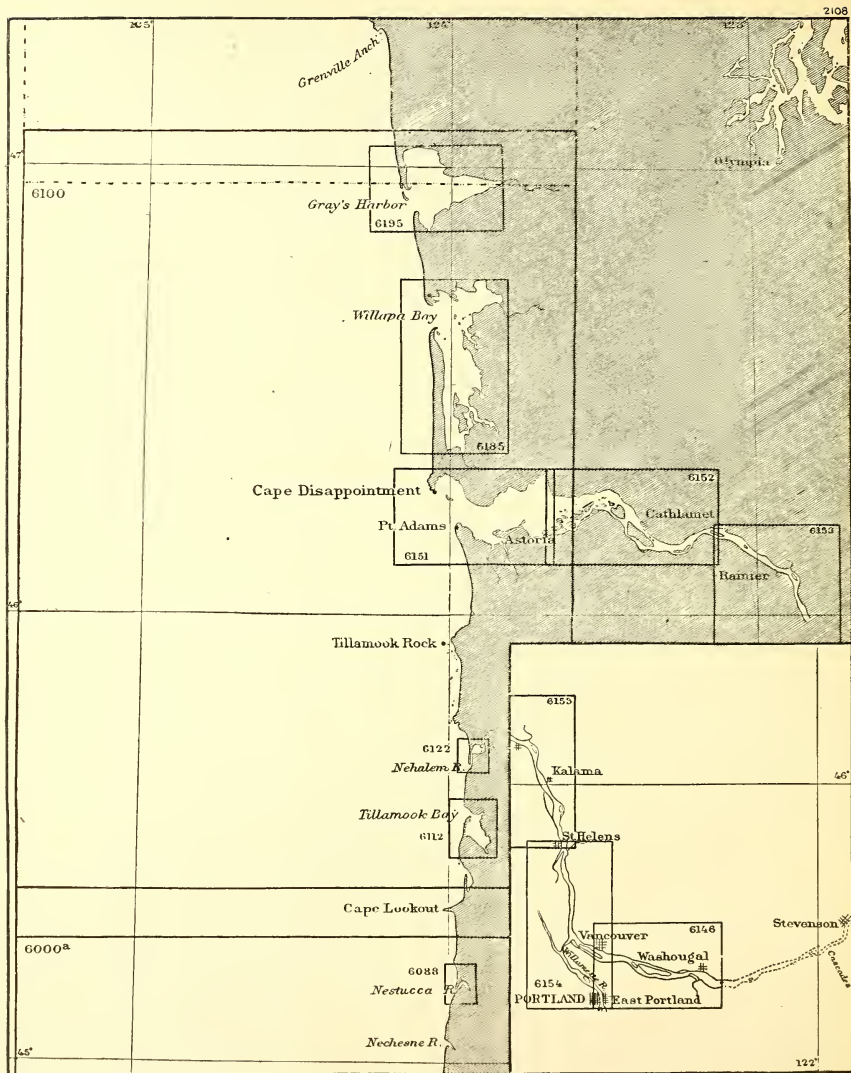
Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
5802	Cape Blanco to Umpqua River.....	Oregon.....	$\frac{1}{200,000}$	0.36	32 × 43	1917	\$0.50
5909	Chetko Cove .....	Oregon.....	$\frac{1}{10,000}$	7.30	17 × 20	1912	.20
5923	Hunter Cove and Mack Reef.....	Oregon.....	$\frac{1}{10,000}$	7.30	24 × 26	1893	.25
5951	Cape Sebastian and Humbug Mountain.....	Oregon.....	$\frac{1}{40,000}$	1.82	28 × 40	1893	.25
5952	Cape Blanco and Reef .....	Oregon.....	$\frac{1}{40,000}$	1.82	21 × 26	1891	.20
5971	Coquille River entrance.....	Oregon.....	$\frac{1}{10,000}$	7.30	19 × 33	1916	.25
5984	Coos Bay.....	Oregon.....	$\frac{1}{20,000}$	3.65	30 × 38	1917	.25





PACIFIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

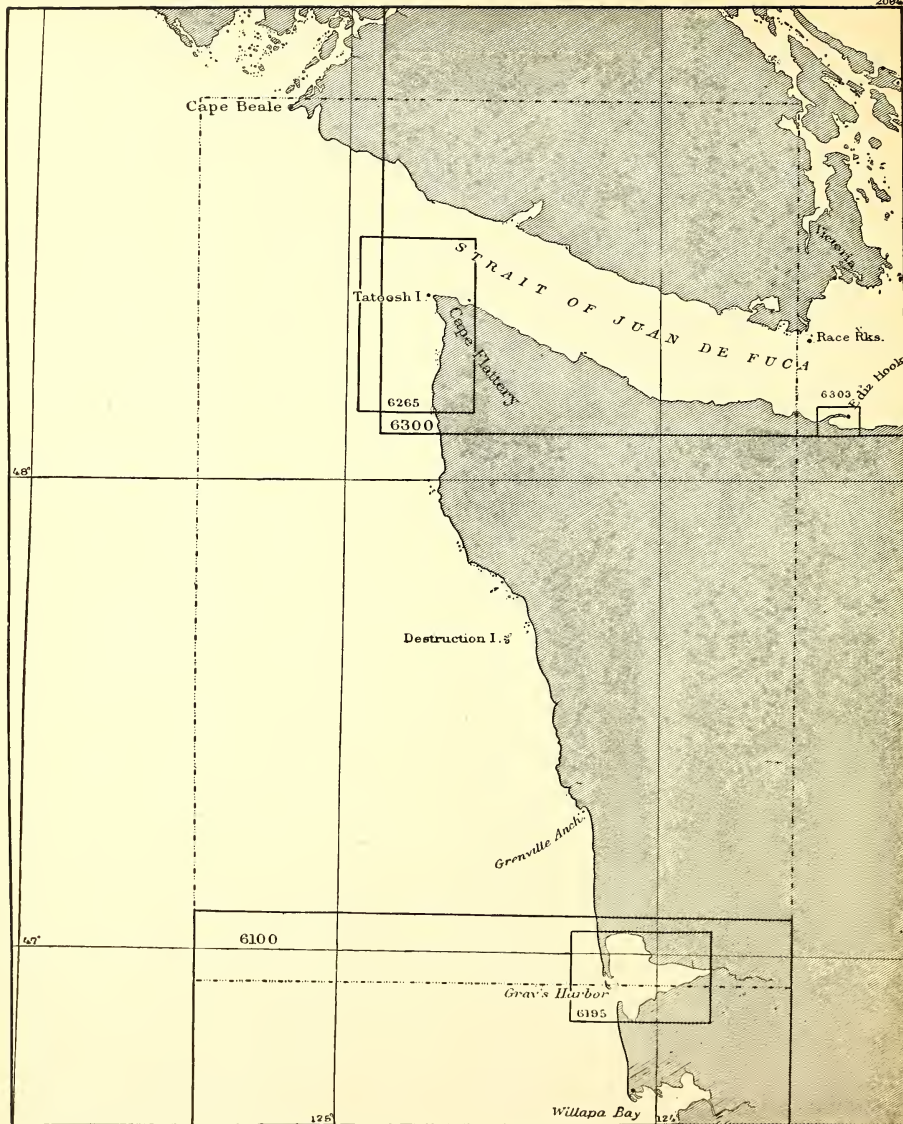
Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
6000a	Yaquina Head to Cape Lookout.....	Oregon.....	$\frac{1}{200,000}$	0.36	18×28	1917	\$0.30
6003	Umpqua River entrance.....	Oregon.....	$\frac{1}{20,000}$	3.65	21×35	1917	.20
6023	Siuslaw River.....	Oregon.....	$\frac{1}{20,000}$	3.65	17×18	1917	.25
6058	Yaquina River and approaches.....	Oregon.....	$\frac{1}{20,000}$	3.65	27×31	1917	.30
6088	Nestucca Bay.....	Oregon.....	$\frac{1}{10,000}$	7.30	25×36	1900	.25



PACIFIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

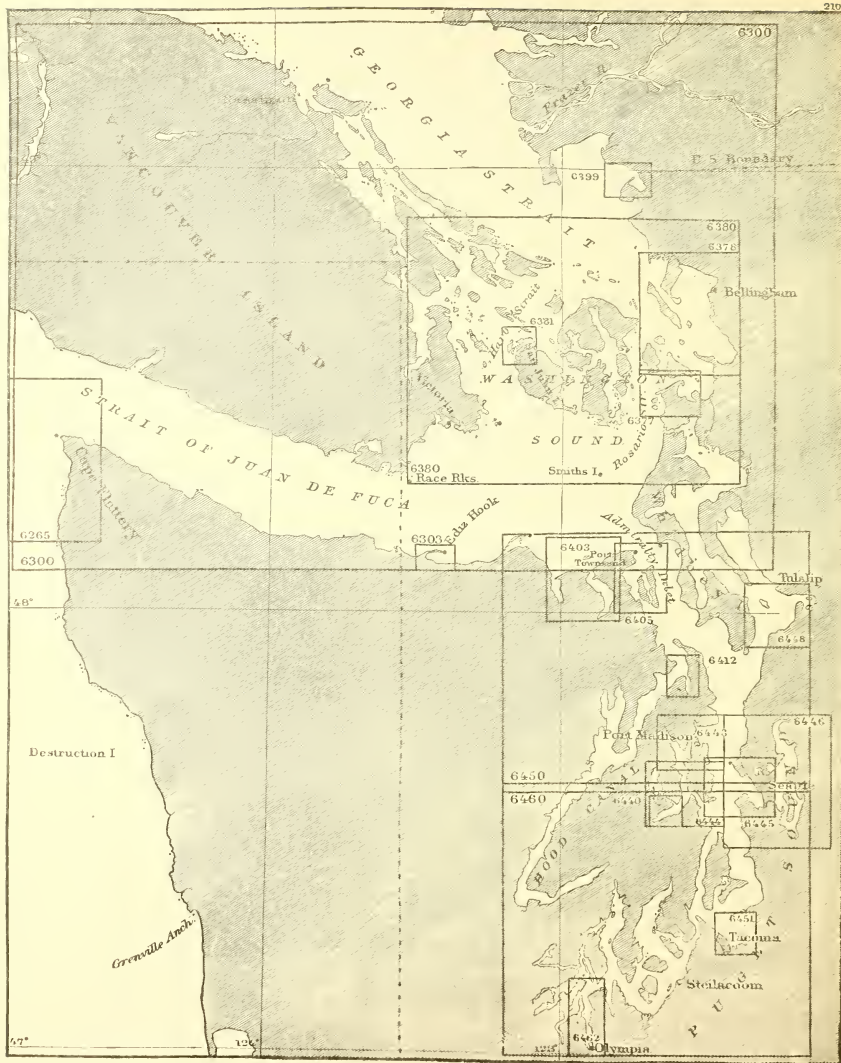
Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
6100	Cape Lookout to Grays Harbor .....	Oreg. and Wash.	$\frac{1}{200,000}$	0.36	28 × 39	1917	\$0.50
6112	Tillamook Bay .....	Oregon .....	$\frac{1}{20,000}$	3.65	26 × 33	1917	.25
6122	Nehalem River.....	Oregon.....	$\frac{1}{20,000}$	3.65	16 × 19	1916	.20
6151	Columbia River—Entrance to Harrington Point	Oreg. and Wash.	$\frac{1}{40,000}$	1.82	25 × 41	1917	.50
6152	Columbia River—Harrington Point to Grims Island.	Oreg. and Wash.	$\frac{1}{40,000}$	1.82	27 × 43	1914	.50
6153	Columbia River—From Grims Island to Saint Helens.	Oreg. and Wash.	$\frac{1}{40,000}$	1.82	32 × 39	1917	.50
6154	Columbia River—Saint Helens to Willamette River, including Vancouver and Portland.	Oreg. and Wash.	$\frac{1}{40,000}$	1.82	21 × 41	1914	.50
6146	Columbia River—Vancouver to Reed Island....	Oreg. and Wash.	$\frac{1}{40,000}$	1.82	23 × 34	1904	.25
6185	Willapa Bay .....	Washington ..	$\frac{1}{40,000}$	1.82	31 × 43	1915	.50
6195	Grays Harbor .....	Washington ..	$\frac{1}{40,000}$	1.82	25 × 39	1917	.25





PACIFIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

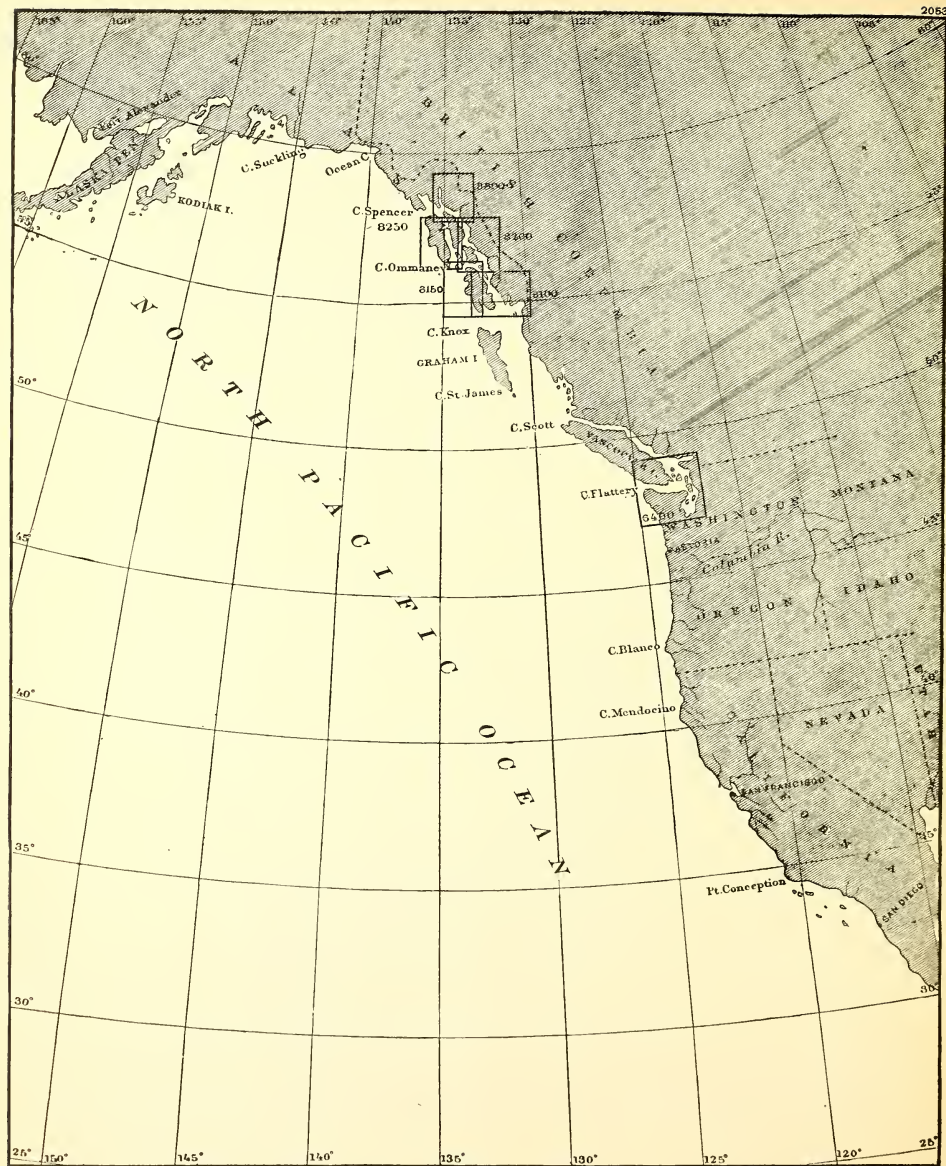
Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
6265	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.	Washington..					
	Cape Flattery .....		$\frac{1}{40,000}$	1.82	29 × 40	1898	\$0.40



PACIFIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

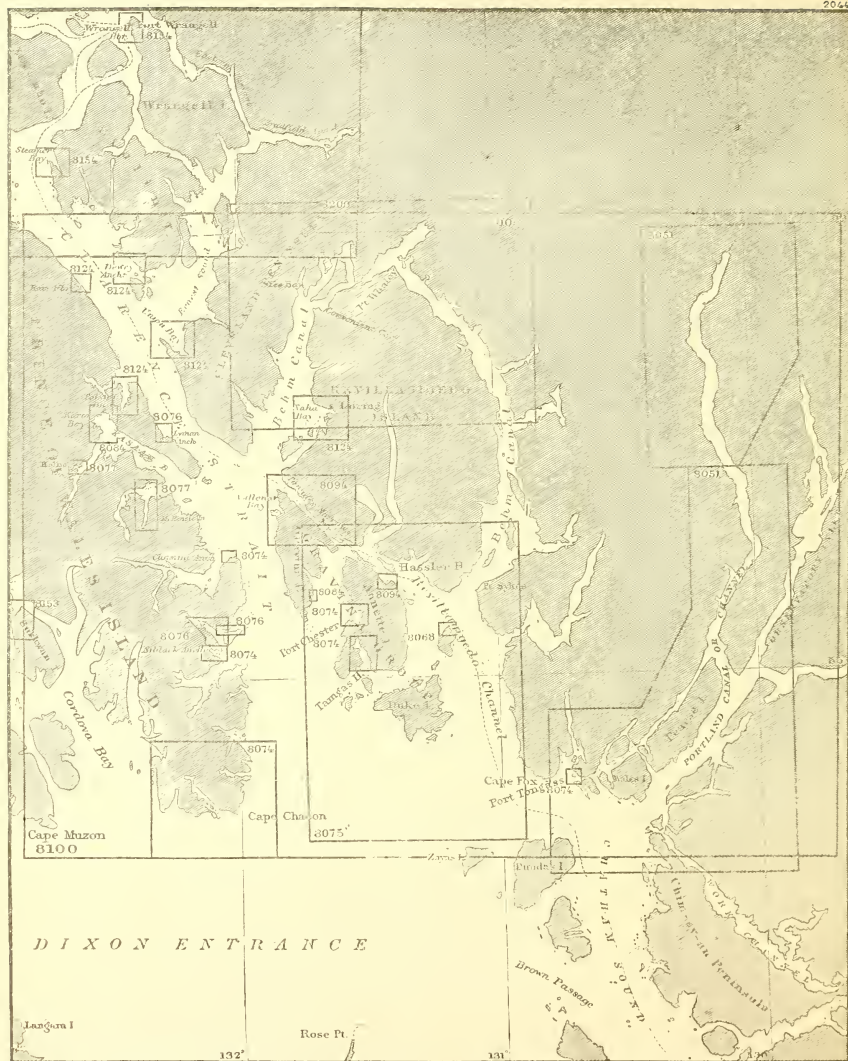
Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Lengths to nautical mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
6300	Georgia Strait and Strait of Juan de Fuca.....		$\frac{1}{201,000}$	0.36	28 × 39	1911	\$0.50
6303	Port Angeles, Strait of Juan de Fuca.....	Washington..	$\frac{1}{10,000}$	7.30	19 × 31	1909	.25
6380	Washington Sound.....	Washington..	$\frac{1}{80,000}$	0.91	34 × 42	1912	.50
6377	Anacortes Harbor, Washington Sound.....	Washington..	$\frac{1}{40,000}$	1.82	13 × 16	1903	.25
6378	Bellingham Bay.....	Washington..	$\frac{1}{40,000}$	1.82	26 × 31	1906	.25
6381	Roche Harbor and approaches.....	Washington..	$\frac{1}{10,000}$	7.30	33 × 37	1914	.50
6399	Semiamoo Bay, Georgia Strait.....	Washington..	$\frac{1}{30,000}$	2.43	14 × 16	1909	.15
6403	Port Discovery and Washington Harbor.....	Washington..	$\frac{1}{40,000}$	1.82	19 × 22	1890	.25
6405	Port Townsend, Admiralty Inlet.....	Washington..	$\frac{1}{20,000}$	3.65	26 × 36	1915	.25
6413	Port Gamble, Hood Canal.....	Washington..	$\frac{1}{20,000}$	3.65	16 × 23	1916	.15
6443	Port Orchard, northern part, Puget Sound.....	Washington..	$\frac{1}{20,000}$	3.65	27 × 34	1905	.50
6444	Port Orchard, southern part, Puget Sound.....	Washington..	$\frac{1}{20,000}$	3.65	33 × 38	1916	.50
6440	Sinclair Inlet.....	Washington..	$\frac{1}{10,000}$	7.30	23 × 31	1917	.25
6445	Seattle Harbor, Puget Sound.....	Washington..	$\frac{1}{20,000}$	3.65	31 × 38	1913	.50
6446	Lake Washington.....	Washington..	$\frac{1}{40,000}$	1.82	25 × 34	1910	.25
6450	Admiralty Inlet, and Puget Sound to Seattle. .	Washington..	$\frac{1}{80,000}$	0.91	34 × 41	1905	.50
6460	Puget Sound, Seattle to Olympia.....	Washington..	$\frac{1}{80,000}$	0.91	32 × 41	1911	.50
6448	Everett Harbor and approaches.....	Washington..	$\frac{1}{40,000}$	1.82	17 × 18	1916	.25
6451	Commencement Bay and City of Tacoma.....	Washington..	$\frac{1}{20,000}$	3.65	20 × 21	1916	.25
6462	Olympia Harbor, Puget Sound.....	Washington..	$\frac{1}{20,000}$	3.65	20 × 37	1914	.25





PACIFIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

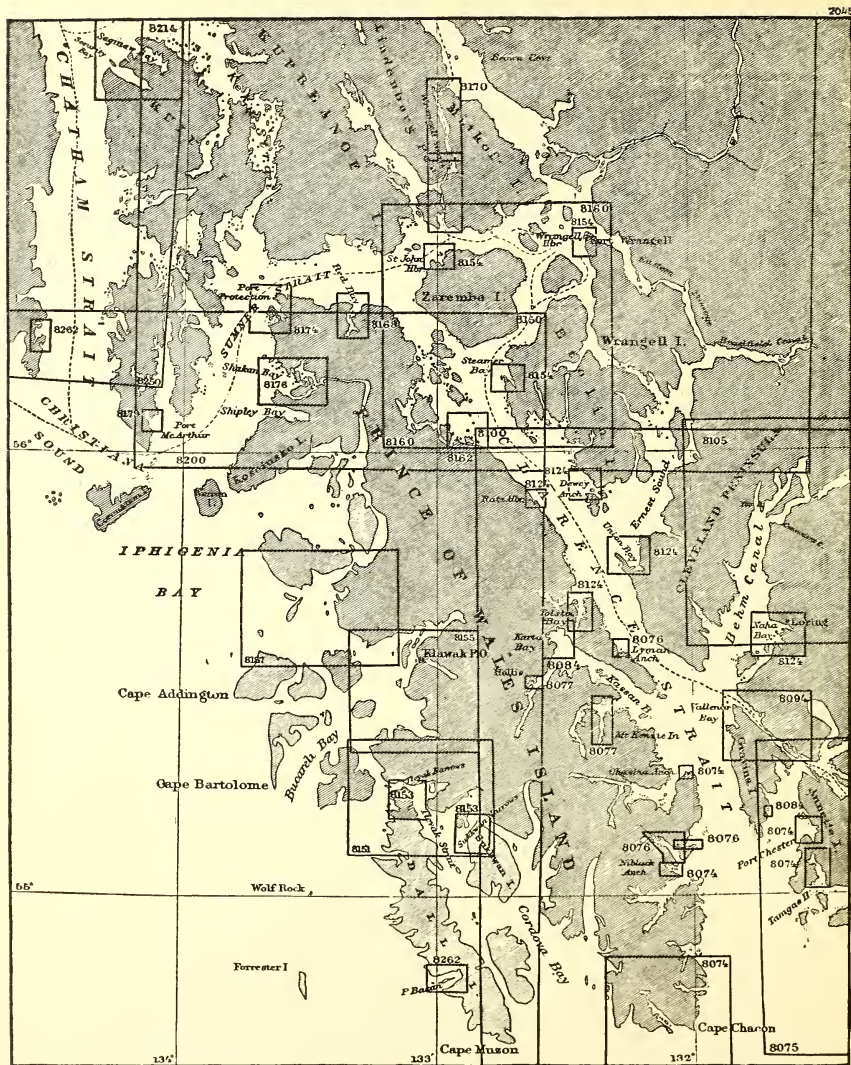
Catalogue number.	TITLE.	State.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
SAILING CHARTS.							
6400	Seacoast and interior waters of Washington, from Grays Harbor to Semianoo Bay.	Washington..	$\frac{1}{300,000}$	0.21	33 × 39	1911	\$0.50
8100	Clarence Strait, Revillagigedo Channel and Portland Canal.	Alaska .....	$\frac{1}{200,000}$	0.36	33 × 42	1911	.50
8200	Frederick Sound and Sumner Strait.....	Alaska .....	$\frac{1}{200,000}$	0.36	33 × 41	1895	.50
8300	Lynn Canal and Stephens Passage .....	Alaska .....	$\frac{1}{200,000}$	0.36	33 × 41	1914	.50
8150	Dixon Entrance to Chatham Strait .....	Alaska .....	$\frac{1}{200,000}$	0.36	32 × 39	1914	.50
8250	Chatham Strait.....	Alaska .....	$\frac{1}{200,000}$	0.36	34 × 42	1910	.50



PACIFIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	Territory.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	<b>GENERAL CHARTS OF THE COAST AND HARBOR CHARTS.</b>						
8051	Portland Canal.....	Alaska.....	$\frac{1}{100,000}$	0.73	25 × 40	1911	\$0.25
8068	Customhouse Cove and Mary Island Anchorage.	Alaska.....	$\frac{1}{10,000}$	7.30	16 × 20	1914	.25
8074	Harbor charts: Dixon Entrance and Clarence Strait.	Alaska.....			34 × 37	1916	.50
	Cape Chacon and vicinity.....		$\frac{1}{30,000}$	0.91			
	Port Tongass.....		$\frac{1}{10,000}$	7.30			
	Niblack Anchorage, Prince of Wales Island.		$\frac{1}{20,000}$	3.65			
	Tangas Harbor, Annette Island.....		$\frac{1}{40,000}$	1.82			
	Port Chester, Annette Island.....		$\frac{1}{20,000}$	3.65			
	Chasina Anchorage, Cholmondeley Sound..		$\frac{1}{10,000}$	7.30			
8075	Revillagigedo Channel .....	Alaska.....	$\frac{1}{80,000}$	0.91	35 × 42	1917	.50
8076	Harbors in Clarence Strait.....	Alaska.....			21 × 25	1906	.25
	North Arm of Moira Sound.....		$\frac{1}{20,000}$	3.65			
	Dolomi Anchorage and Port Johnson.....		$\frac{1}{20,000}$	3.65			
	Lyman Anchorage, Prince of Wales Island.		$\frac{1}{10,000}$	7.30			
8077	Harbors in Prince of Wales Island .....	Alaska.....			23 × 25	1907	.25
	McKenzie Inlet, Kasaan Bay.....		$\frac{1}{20,000}$	3.65			
	Hollis Anchorage, Kasaan Bay.....		$\frac{1}{40,000}$	1.82			
8084	Seal Cove, Nichols Passage .....	Alaska.....	$\frac{1}{5,000}$	14.59	22 × 33	1910	.25
	Head of Kasaan Bay, Clarence Strait.....		$\frac{1}{20,000}$	3.65			
8094	Tongass Narrows.....	Alaska.....	$\frac{1}{30,000}$	2.43	31 × 33	1917	.50
8100	Clarence Strait, Revillagigedo Channel, and Portland Canal.	Alaska.....	$\frac{1}{200,000}$	0.36	33 × 42	1911	.50

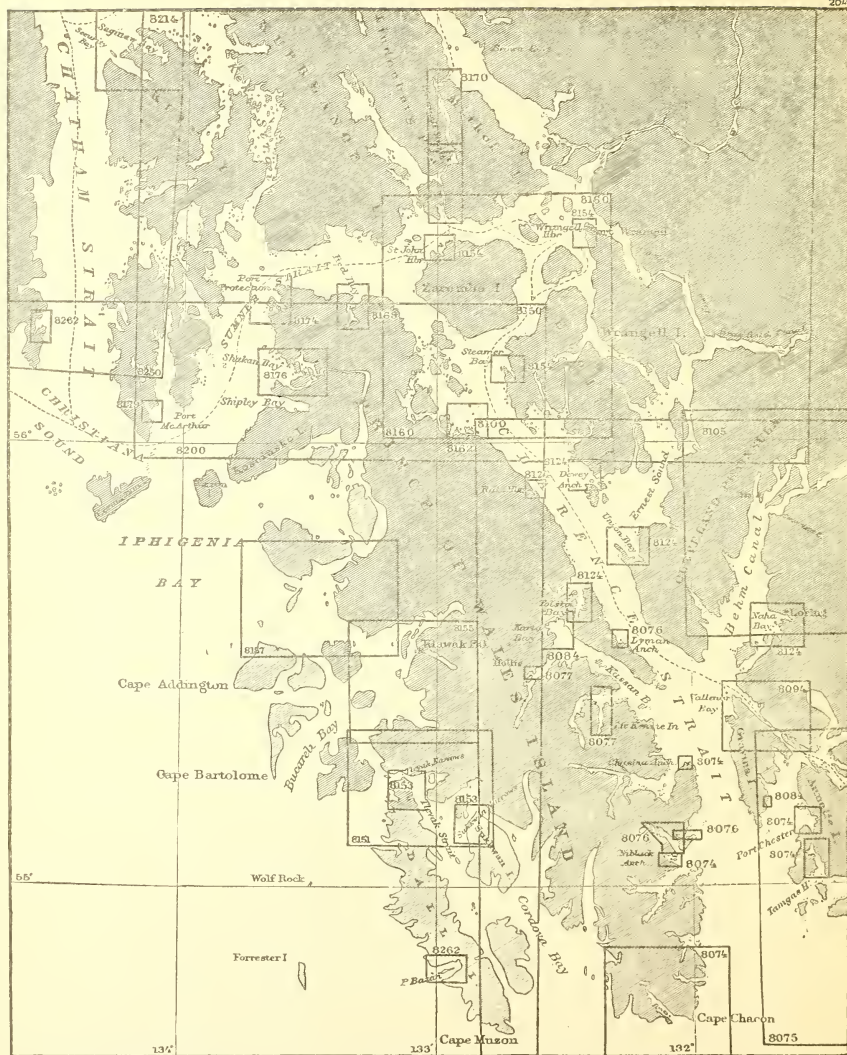




## PACIFIC COAST—CONTINUED.

## GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	Territory.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
8105	Behm Canal, northern part.....	Alaska.....	$\frac{1}{80,000}$	0.91	29×41	1910	\$0.50
	Yes Bay.....		$\frac{1}{40,000}$	1.82			
	Convenient Cove.....		$\frac{1}{20,000}$	3.65			
8124	Harbor charts: Clarence Strait and Behm Canal..	Alaska.....			28×31	1897	.25
	Naha Bay, Behm Canal.....		$\frac{1}{40,000}$	1.82			
	Tolstoi Bay, Prince of Wales Island.....		$\frac{1}{40,000}$	1.82			
	Union Bay, Clarence Strait.....		$\frac{1}{40,000}$	1.82			
	Ratz Harbor, Prince of Wales Island.....		$\frac{1}{10,000}$	7.30			
	Dewey Anchorage, Etolin Island.....		$\frac{1}{20,000}$	3.65			
8150	Dixon Entrance to Chatham Strait.....	Alaska.....	$\frac{1}{200,000}$	0.36	32×39	1914	.50
8151	Northern Part of Tlevak Strait and Ulloa Channel.	Alaska.....	$\frac{1}{40,000}$	1.82	30×37	1916	.50
8153	Tlevak and Sukkwan Narrows.....	Alaska.....	$\frac{1}{20,000}$	3.65	12×21	1916	.30
8154	Harbor charts: Zarembo Island and vicinity....	Alaska.....			29×30	1897	.25
	Steamer Bay, Etolin Island.....		$\frac{1}{20,000}$	3.65			
	Wrangell Harbor and Highfield Anchorage....	Alaska.....	$\frac{1}{10,000}$	7.30			
8155	Ulloa Channel to San Christoval Channel.....	Alaska.....	$\frac{1}{40,000}$	1.82	31×31	1917	.50
8160	Zarembo Island and approaches.....	Alaska.....	$\frac{1}{80,000}$	0.91	29×31	1909	.50
8162	Lake Bay, Clarence Strait.....	Alaska.....	$\frac{1}{10,000}$	7.30	34×34	1907	.50
8168	Red Bay, Prince of Wales Island.....	Alaska.....	$\frac{1}{20,000}$	3.65	13×20	1917	.15
8170	Wrangell Strait.....	Alaska.....	$\frac{1}{20,000}$	3.65	31×40	1912	.50
8174	Port Protection, Prince of Wales Island.....	Alaska.....	$\frac{1}{20,000}$	3.65	19×28	1917	.15
8176	Shakan Strait, Prince of Wales Island.....	Alaska.....	$\frac{1}{20,000}$	3.65	25×38	1917	.25
8179	Port McArthur, Kuiu Island.....	Alaska.....	$\frac{1}{10,000}$	7.30	25×25	1901	.15
8157	San Christoval Channel to Cape Lynch.....	Alaska.....	$\frac{1}{40,000}$	1.82	31×38	1915	.50

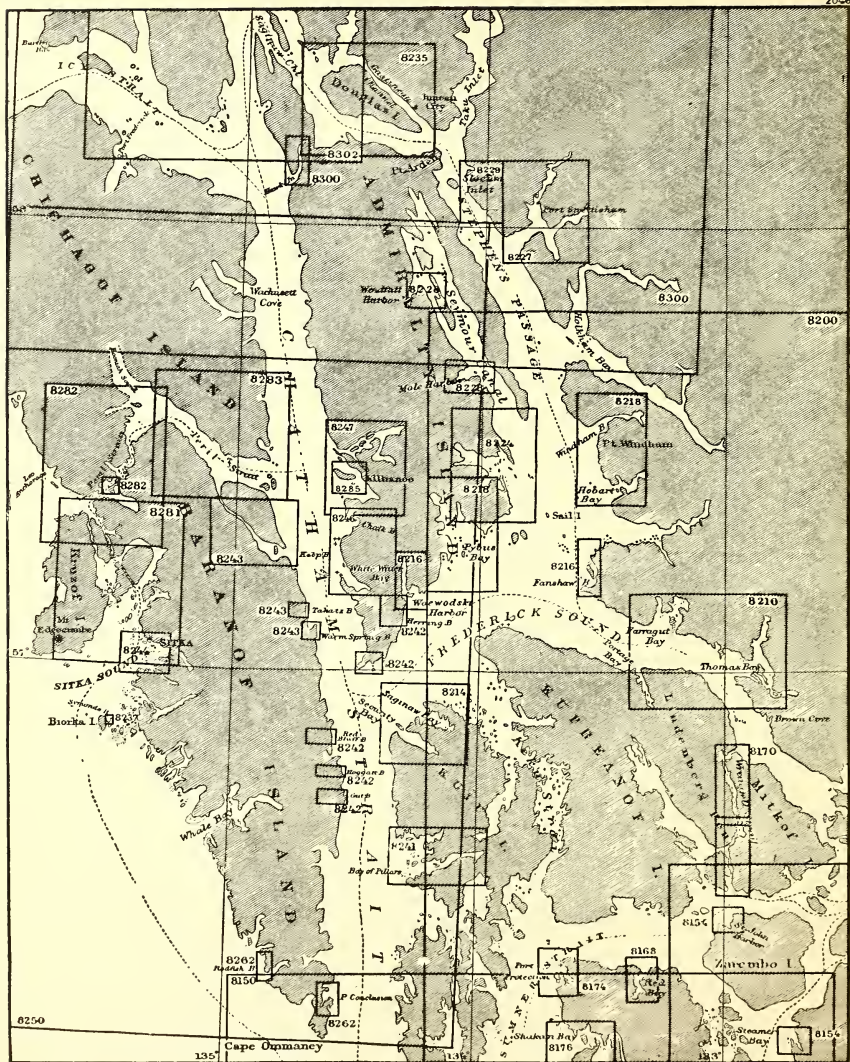




PACIFIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	Territory.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
8243	Kelp, Takatz, and Warm Spring Bays, Chatham Strait.	Alaska .....			21 × 32	1908	\$0.25
	Kelp Bay .....		$\frac{1}{40,000}$	1.82			
	Takatz Bay .....		$\frac{1}{20,000}$	3.65			
	Warm Spring Bay .....		$\frac{1}{20,000}$	3.65			
8247	Hood Bay and Kootznahoo Inlet .....	Alaska .....	$\frac{1}{30,000}$	2.43	26 × 37	1910	.50

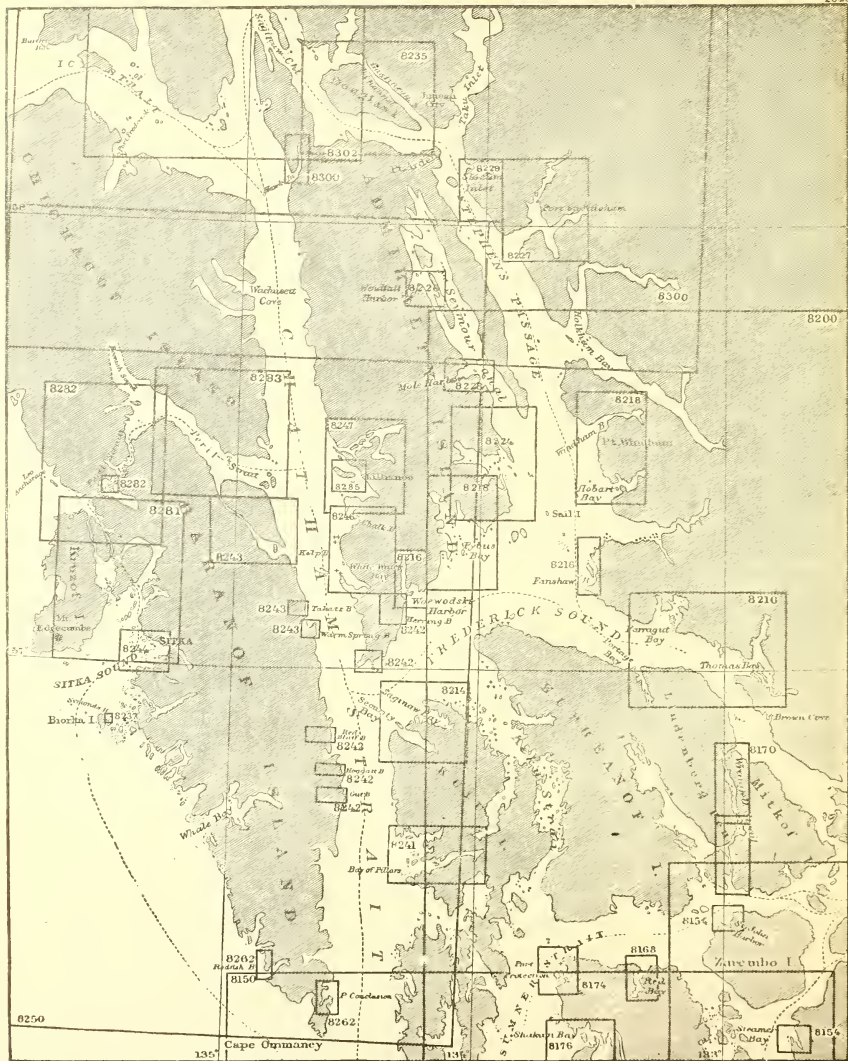




PACIFIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	Territory.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
8200	Frederick Sound and Sumner Strait.....	Alaska .....	$\frac{1}{200,000}$	0.36	33 × 41	1895	\$0.50
8210	Thomas, Farragut, and Portage Bays .....	Alaska .....	$\frac{1}{40,000}$	1.82	28 × 38	1913	.50
8214	Saginaw and Security Bays .....	Alaska .....	$\frac{1}{40,000}$	1.82	20 × 23	1909	.25
8216	{Woewodski and Eliza Harbors.....} {Fanshaw Bay and Cleveland Passage}.....	Alaska .....	$\frac{1}{20,000}$	3.65	28 × 30	1900	.25
8218	{Pybus Bay, Admiralty Island} {Hobart and Windham Bays...}	Alaska .....	$\frac{1}{40,000}$	1.82	27 × 34	1911	.25
8224	Gambier Bay, Frederick Sound .....	Alaska .....	$\frac{1}{40,000}$	1.82	21 × 30	1912	.25
8227	Port Snettisham, Stephens Passage .....	Alaska .....	$\frac{1}{40,000}$	1.82	23 × 27	1913	.25
8228	{Windfall Harbor} {Mole Harbor ....} Seymour Canal.....	Alaska .....	$\frac{1}{20,000}$	3.65	20 × 30	1913	.25
8241	Bay of Pillars, Chatham Strait.....	Alaska .....	$\frac{1}{20,000}$	3.65	31 × 41	1907	.50
	Washington Bay, Chatham Strait.....	.....	$\frac{1}{10,000}$	7.30	.....	.....	.....
8242	Harbors in Chatham Strait and vicinity.....	Alaska .....	.....	.....	28 × 30	1906	.25
	Gut Bay, Chatham Strait.....	.....	$\frac{1}{20,000}$	3.65	.....	.....	.....
	Hoggatt Bay, Chatham Strait.....	.....	$\frac{1}{20,000}$	3.65	.....	.....	.....
	Red Bluff Bay, Chatham Strait .....	.....	$\frac{1}{20,000}$	3.65	.....	.....	.....
	Surprise Harbor and Murder Cove .....	.....	$\frac{1}{20,000}$	3.65	.....	.....	.....
	Herring Bay and Chapin Bay, Frederick Sound.....	.....	$\frac{1}{20,000}$	3.65	.....	.....	.....
8246	Whitewater Bay and Chaik Bay, Chatham Strait.....	Alaska .....	$\frac{1}{20,000}$	3.65	31 × 39	1906	.50
8250	Chatham Strait (see also page 118).....	Alaska .....	$\frac{1}{200,000}$	0.36	34 × 42	1910	.50





PACIFIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

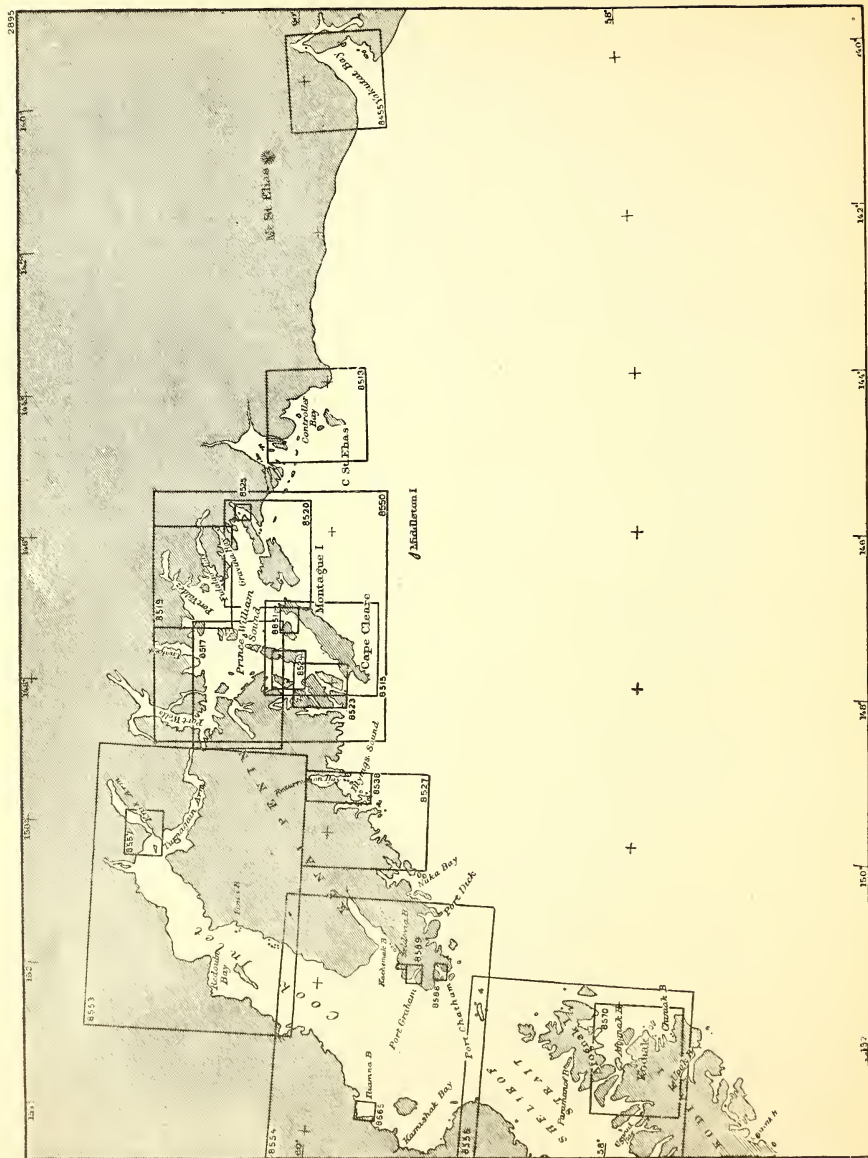
Catalogue number.	TITLE.	Territory.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
8229	Slocum and Limestone Inlets and Taku Harbor.	Alaska -----	$\frac{1}{20,000}$	3.65	21 × 31	1912	\$0.25
8235	Gastineau Channel and part of Stephens Passage.	Alaska -----	$\frac{1}{40,000}$	1.82	28 × 31	1913	.25
8237	Symonds Bay, Sitka Sound -----	Alaska -----	$\frac{1}{7,200}$	10.13	14 × 14	1896	.10
8244	Sitka Harbor and approaches -----	Alaska -----	$\frac{1}{10,000}$	7.30	32 × 39	1911	.50
8281	Peril Strait, Sitka Sound to Salisbury Sound....	Alaska -----	$\frac{1}{40,000}$	1.82	33 × 41	1900	.50
	Whitestone Narrows -----	-----	$\frac{1}{10,000}$	7.30			
8282	Peril Strait, Salisbury Sound to Hooniah Sound.	Alaska -----	$\frac{1}{40,000}$	1.82	31 × 41	1900	.50
	Sergius Narrows -----	-----	$\frac{1}{20,000}$	3.65			
8283	Peril Strait, Hooniah Sound to Chatham Strait.	Alaska -----	$\frac{1}{40,000}$	1.82	33 × 41	1898	.50
8285	Killisnoo Harbor, Chatham Strait.....	Alaska -----	$\frac{1}{10,000}$	7.30	21 × 29	1903	.25
8262	Bays and harbors in southeastern Alaska -----	-----			17 × 19	1914	.25
	Port Bazan, Dall Island (see page 124). -----	-----					
	Redfish Bay, Baranof Island -----	-----	$\frac{1}{20,000}$	3.65			
	Lituya Bay (see page 130) -----	-----	$\frac{1}{118,700}$	0.61			
	Lituya Bay entrance -----	-----	$\frac{1}{15,000}$	5.48			
	Port Conclusion -----	-----	$\frac{1}{60,000}$	1.32			





PACIFIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	Territory.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
8300	Lynn Canal and Stephens Passage .....	Alaska .....	$\frac{1}{200,000}$	0.36	33 × 41	1914	\$0.50
8302	Lynn Canal, from entrance to Point Sherman, with subcharts of Fritz Cove, Barlow Cove Anchorage, Funter Bay, Swanson Harbor, and William Henry Bay, all on a scale of $\frac{1}{20,000}$	Alaska .....	$\frac{1}{80,000}$	0.91	34 × 42	1916	.50
8303	Lynn Canal, from Point Sherman to head.....	Alaska .....	$\frac{1}{80,000}$	0.91	30 × 41	1908	.50
8304	Icy Strait and Cross Sound, Port Frederick to Cape Spencer.	Alaska .....	$\frac{1}{80,000}$	0.91	28 × 39	1916	.50
	Inian Cove .....	.....	$\frac{1}{20,000}$	3.65			
8305	Dixon Harbor .....	Alaska .....	$\frac{1}{15,000}$	4.86	21 × 30	1906	.25
8280	Khaz Bay .....	Alaska .....	$\frac{1}{40,000}$	1.82	31 × 39	1909	.50
8306	Glacier Bay .....	Alaska .....	$\frac{1}{160,000}$	0.45	27 × 28	1910	.25



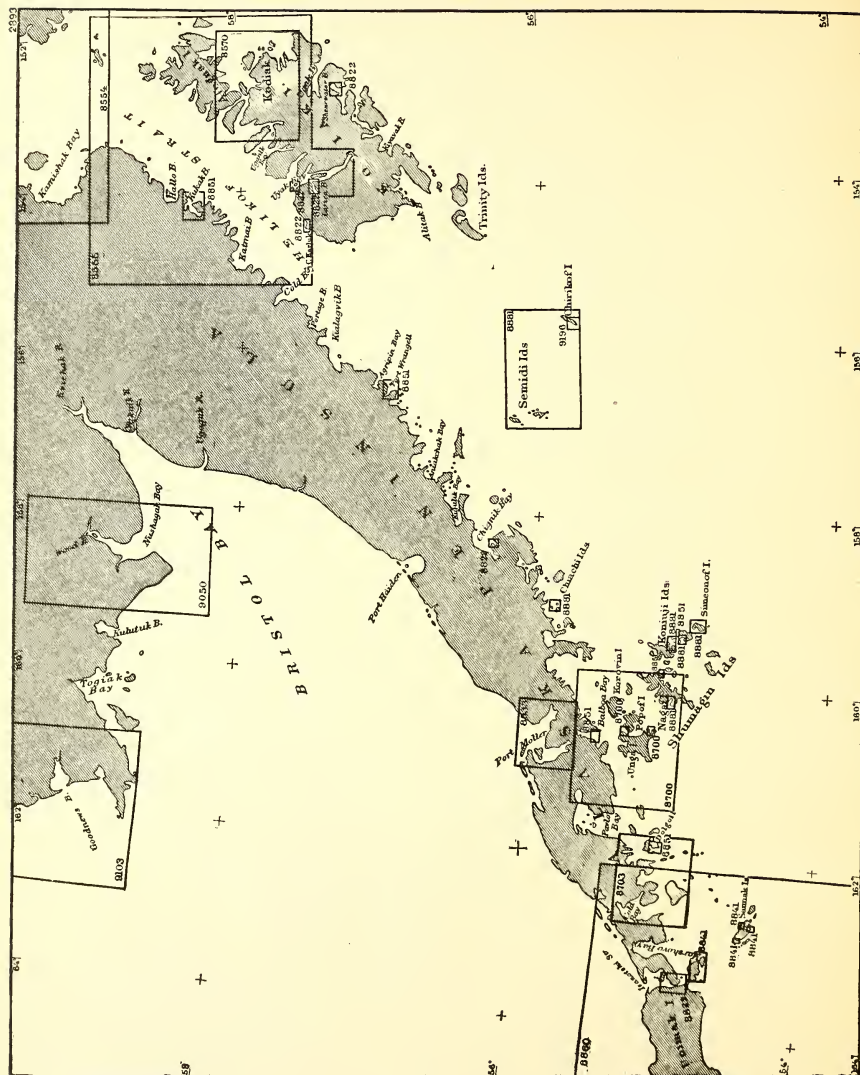


## PACIFIC COAST—CONTINUED.

## GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	Territory.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
8455	Yakutat Bay.....	Alaska.....	$\frac{1}{80,000}$	0.91	28×32	1910	\$0.25
8513	Controller Bay.....	Alaska.....	$\frac{1}{100,000}$	0.73	29×32	1913	.25
8550	Prince William Sound.....	Alaska.....	$\frac{1}{200,000}$	0.36	35×36	1916	.50
8515	Prince William Sound, western entrance.....	Alaska.....	$\frac{1}{80,000}$	0.91	34×42	1911	.50
8517	Prince William Sound, western part.....	Alaska.....	$\frac{1}{80,000}$	0.91	31×45	1915	.50
8519	Prince William Sound; Fidalgo Bay and Valdez Arm.	Alaska.....	$\frac{1}{80,000}$	0.91	29×39	1911	.50
8520	Prince William Sound, eastern entrance.....	Alaska.....	$\frac{1}{80,000}$	0.91	32×42	1917	.50
8524	Drier Bay, Prince William Sound.....	Alaska.....	$\frac{1}{20,000}$	3.65	32×36	1911	.25
8525	Orca Bay and Inlet, Channel Islands to Cordova..	Alaska.....	$\frac{1}{30,000}$	2.43	15×15	1916	.30
8538	Resurrection Bay, Kenai Peninsula.....	Alaska.....	$\frac{1}{50,000}$	1.46	15×15	1913	.25
8665	Iliamna Bay, Cook Inlet.....	Alaska.....	$\frac{1}{20,000}$	3.65	31×33	1907	.50
8588	Port Chatham.....	Alaska.....	$\frac{1}{10,000}$	12.16	28×33	1908	.25
8589	Port Graham and Seldovia Bay.....	Alaska.....	$\frac{1}{20,000}$	3.65	26×37	1916	.50
8523	Latouche, Elrington and Prince of Wales Passage.	Alaska.....	$\frac{1}{40,000}$	1.82	32×40	1911	.50
8553	Cook Inlet, northern part.....	Alaska.....	$\frac{1}{200,000}$	0.36	33×43	1915	.50
8554	Cook Inlet, southern part.....	Alaska.....	$\frac{1}{200,000}$	0.36	32×40	1916	.50
8557	Knick Arm, Fire Island to Goose Creek.....	Alaska.....	$\frac{1}{40,000}$	1.82	32×33	1915	.50
8527	Cape Resurrection to McArthur Pass.....	Alaska.....	$\frac{1}{80,000}$	0.91	34×46	1915	.50

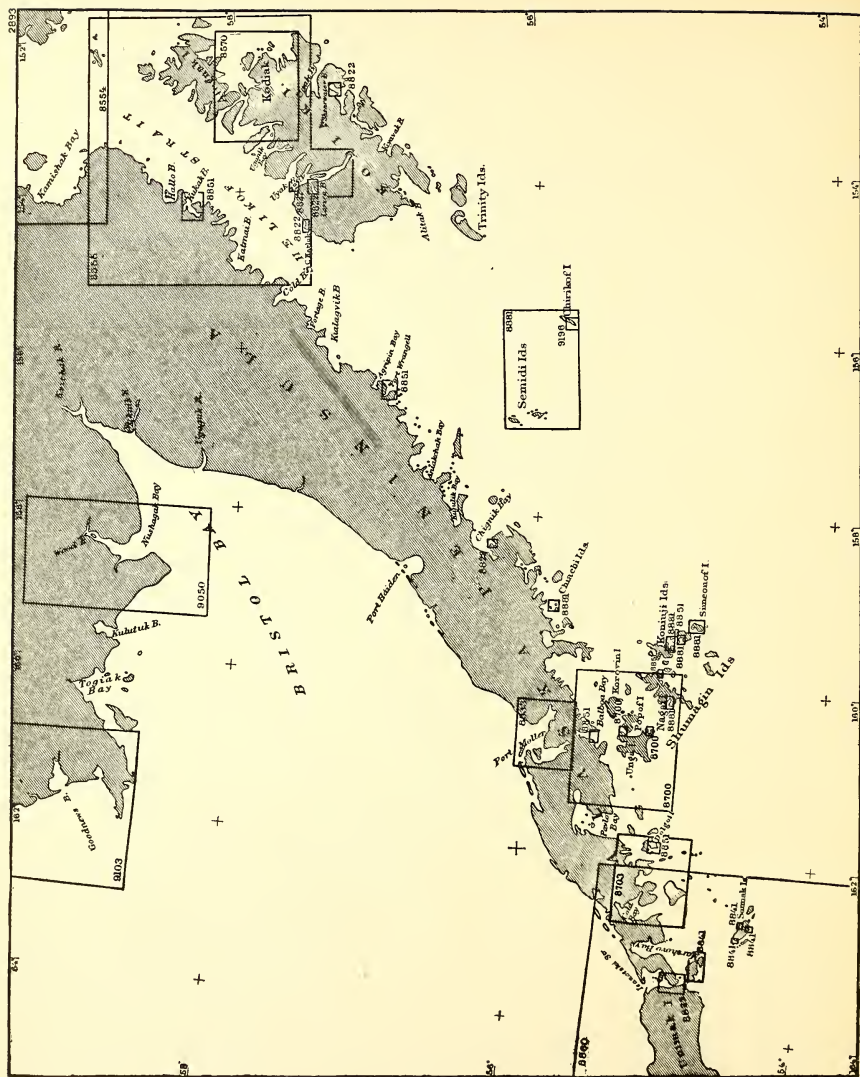




## PACIFIC COAST—CONTINUED.

## GEOGRAPHICAL ARRANGEMENT.

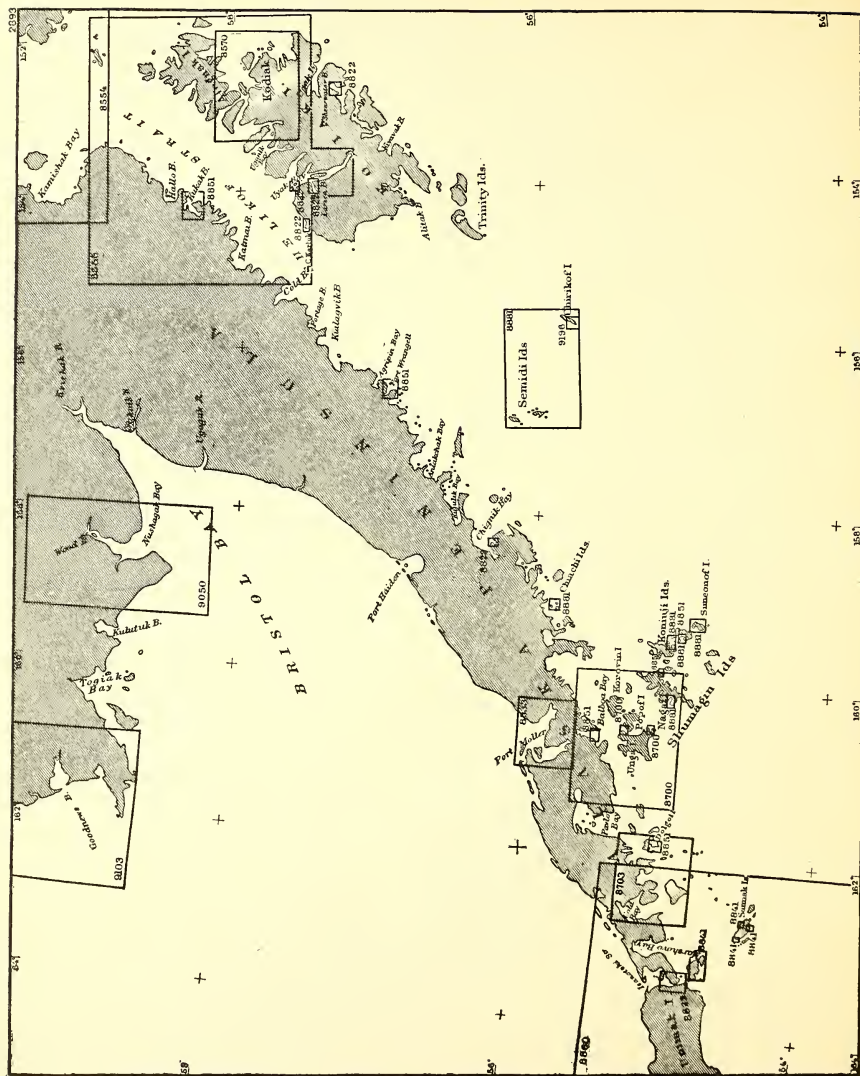
Catalogue number.	TITLE.	Territory.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
8881	Islands and harbors off Alaska Peninsula.....	Alaska.....	1 400,000	0. 18	24 × 27	1913	\$0. 20
	Semidi Islands and Chirikof Island.....		1 17,000	4. 29			
	Chiachi Islands.....		1 122,000	0. 59			
	Northeast Harbor, Little Koniuji Island.....		1 64,000	1. 14			
	Northwest and Yukon Harbors, Koniuji Islands.		1 50,000	0. 81			
	Simeonof Harbor, Simeonof Island.....		1 65,000	1. 12			
	Falmouth Harbor, Nagai Island.....		1 100,000	0. 73	31 × 40	1917	. 50
8700	Shumagin Islands and Unga Island to Nagai Island.....		1 30,000				
	Popof Strait.....		1 20,000				
	Delarof Harbor.....		1 80,000	0. 91	32 × 42	1910	. 50
8370	Kodiak to Kupreanof Strait.....	Alaska.....	1 10,000	7. 30			
	Kodiak Harbor.....		1 210,000	0. 34	31 × 42	1911	. 50
8555	Shelikof Strait and Afognak Island.....	Alaska.....	1 80,000	0. 91	28 × 36	1917	. 50
8703	Dolgoi Island to Deer Island.....	Alaska.....					



PACIFIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

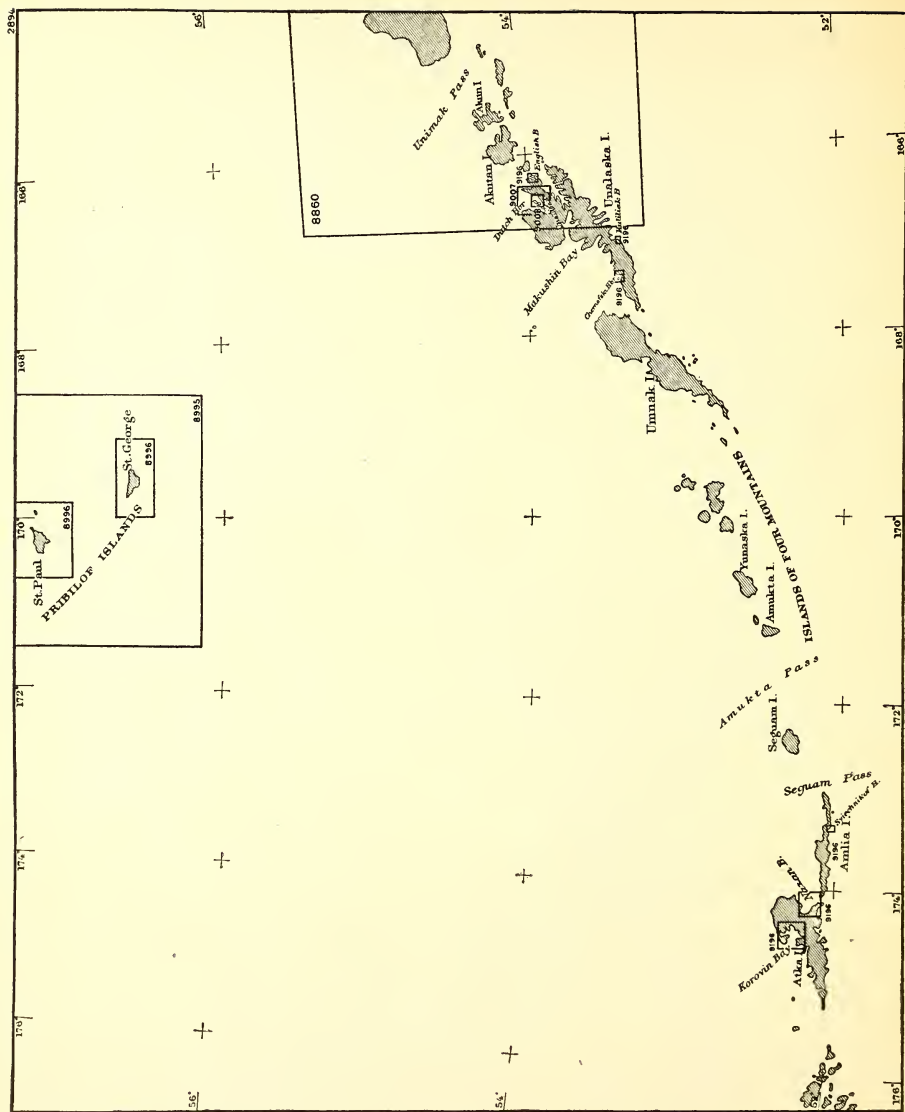
Catalogue number.	TITLE.	Territory.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
8822	Bays and anchorages in Alaska, south coast .....				31 × 38	1912	\$0.50
	Uyak Anchorage .....		$\frac{1}{20,000}$	3.65			
	Larsen Bay .....		$\frac{1}{20,000}$	3.65			
	Karluk Anchorage .....		$\frac{1}{20,000}$	3.65			
	Shearwater Bay .....		$\frac{1}{15,000}$	4.86			
	Isanotski Strait .....		$\frac{1}{40,000}$	1.82			
	Anchorage and Mud Bays .....		$\frac{1}{40,000}$	1.82			
8833	Port Moller and Herendeen Bay .....	Alaska .....	$\frac{1}{80,000}$	0.91	24 × 28	1917	.25
8841	Harbors and anchorages, Sannak Island and Ikatan Peninsula.	Alaska .....			20 × 27	1912	.25
	Northeast Harbor, Sannak Island .....		$\frac{1}{10,000}$	7.30			
	Peterson Bay, Sannak Island .....		$\frac{1}{20,000}$	3.65			
	Acherk Harbor, Sannak Island .....		$\frac{1}{10,000}$	7.30			
	East Anchor Cove, Ikatan Peninsula .....						
	West Anchor Cove, Ikatan Peninsula .....		$\frac{1}{40,000}$	1.82			
	Dora Harbor, Ikatan Peninsula .....						





PACIFIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

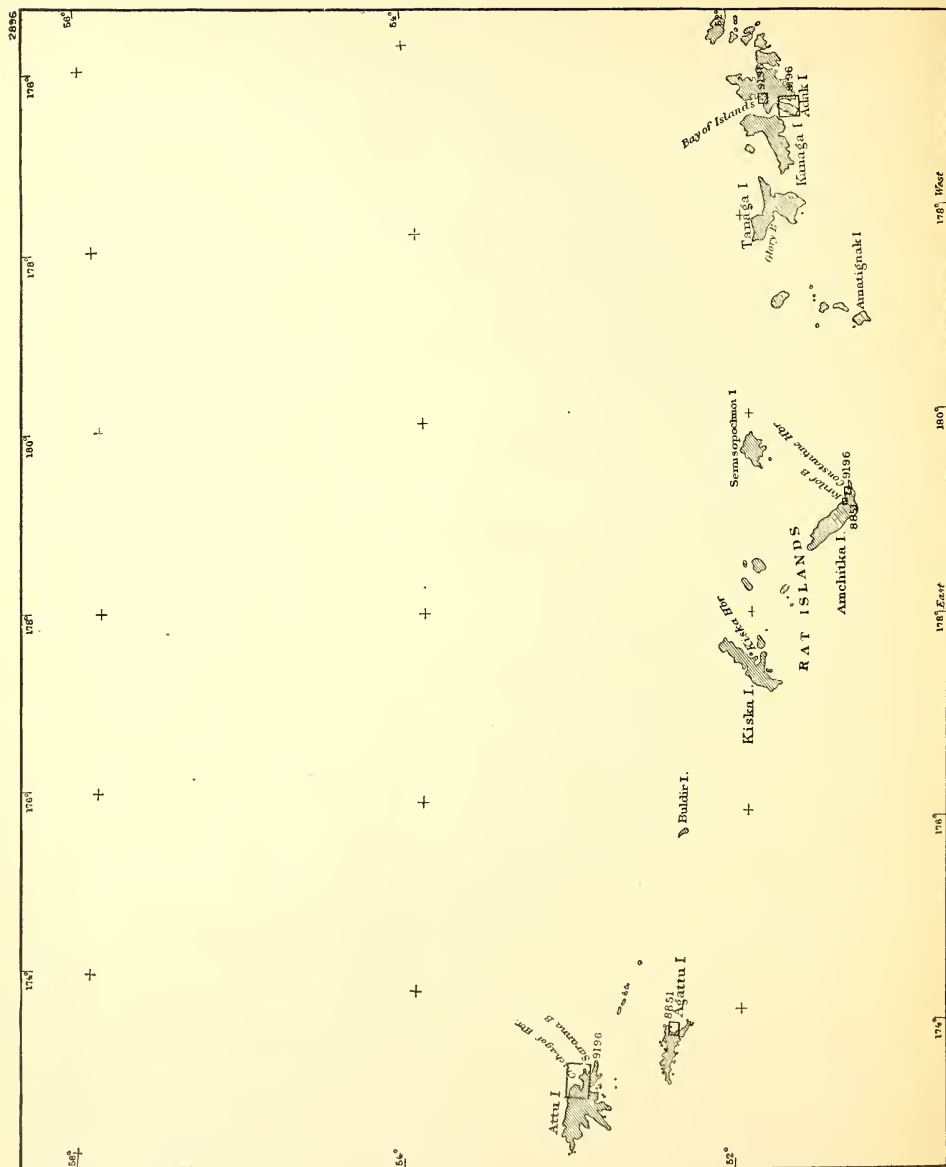
Catalogue number.	TITLE.	Territory.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
8851	Harbors and anchorages, southwestern Alaska .....				27 × 28	1917	\$0.25
	Kukak Bay, Alaska Peninsula .....		$\frac{1}{100,000}$	0.73			
	Port Wrangell, Alaska Peninsula .....		$\frac{1}{110,000}$	0.66			
	Balboa Bay, Alaska Peninsula .....		$\frac{1}{25,000}$	2.92			
	Mist Harbor, Nagai Island .....		$\frac{1}{6,100}$	11.96			
	Sandy Cove, Little Koniuji Island .....		$\frac{1}{24,200}$	3.01			
	Dolgoi Harbor, Dolgoi Island .....		$\frac{1}{40,000}$	1.82			
	Kirilof Bay, Amchitka Island (see page 142) .....		$\frac{1}{28,000}$	2.61			
	MacDonald Bay, Agattu Island (see page 142) .....		$\frac{1}{75,000}$	0.97			
	St. Matthew Island, Bering Sea (see page 144) .....		$\frac{1}{156,000}$	0.47			
9050	Nushagak Bay and approaches .....	Alaska .....	$\frac{1}{150,000}$	0.48	23 × 37	1911	.50



PACIFIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	Territory.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
8995	Pribilof Islands, Bering Sea .....	Alaska .....	$\frac{1}{200,000}$	0.36	30 × 36	1910	\$0.25
8996	St. Paul and St. George Islands, Pribilof Islands, Bering Sea.	Alaska .....			30 × 40	1910	.50
	St. Paul Island .....		$\frac{1}{75,000}$	0.97			
	St. George Island .....		$\frac{1}{75,000}$	0.97			
9007	Unalaska Bay, Iliuliuk Bay, and Dutch Harbor.	Alaska .....	$\frac{1}{40,000}$	1.82	21 × 26	1908	.10
9008	Dutch Harbor .....	Alaska .....	$\frac{1}{10,000}$	7.30	28 × 33	1915	.25





PACIFIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

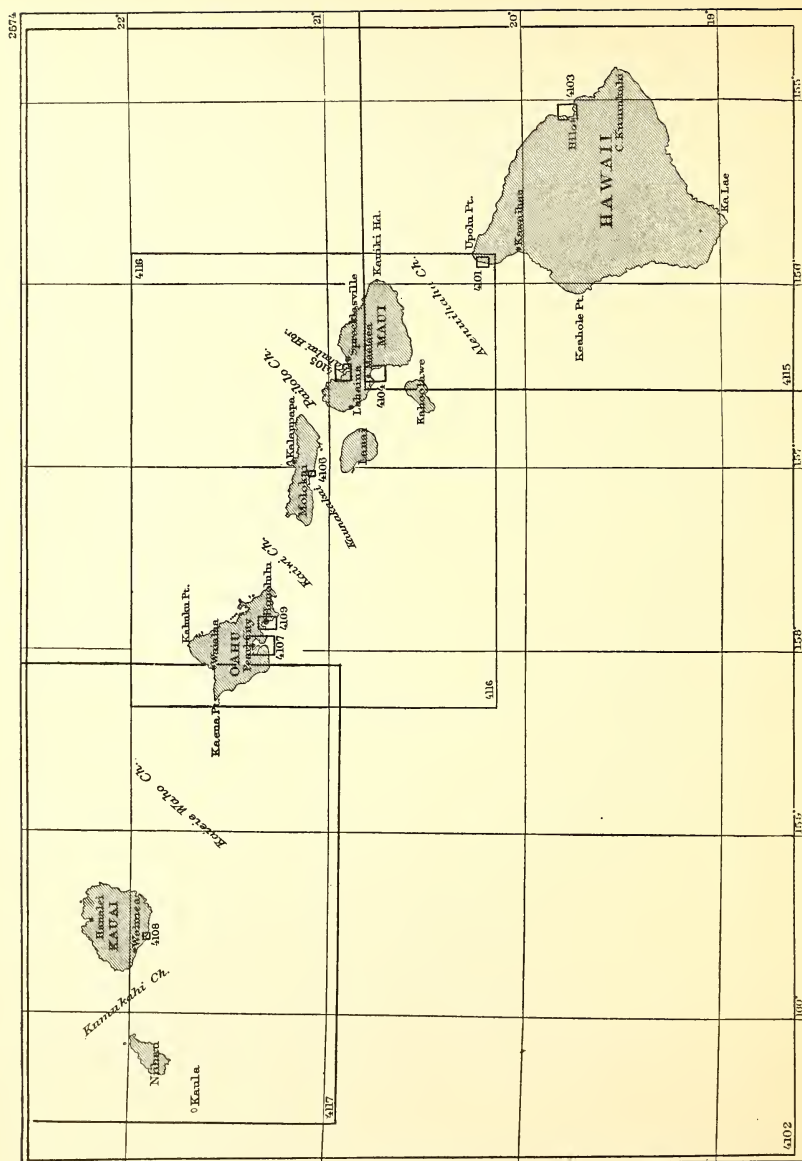
Catalogue number.	TITLE.	Territory.	SCALE.		Size of border (inches.)	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
9196	Anchorage and harbors, Aleutian Islands. ....	-----	-----	-----	23 × 33	1907	\$0.25
	Southwest Anchorage, Chirikof Island (see page 134).	-----	$\frac{1}{53,600}$	1.36	-----	-----	-----
	Cape Etolin Anchorage, Nunivak Island (see page 144).	-----	$\frac{1}{31,000}$	2.31	-----	-----	-----
	English Bay, Unalaska Island (see page 140).	-----	$\frac{1}{20,000}$	3.65	-----	-----	-----
	Kuliliak Bay, Unalaska Island (see page 140).	-----	$\frac{1}{43,500}$	1.69	-----	-----	-----
	Chernofski Harbor, Unalaska Island (see page 140).	-----	$\frac{1}{36,000}$	2.03	-----	-----	-----
	Sviechnikof Harbor, Amliia Island (see page 140).	-----	$\frac{1}{52,000}$	1.40	-----	-----	-----
	Nazan Bay, Atka Island (see page 140) .....	-----	$\frac{1}{78,000}$	0.93	-----	-----	-----
	Korovin Bay, Atka Island (see page 140) ...	-----	$\frac{1}{194,000}$	0.37	-----	-----	-----
	Bay of Islands, Adak Island .....	-----	$\frac{1}{32,000}$	2.28	-----	-----	-----
	Bay of Waterfalls, Adak Island .....	-----	$\frac{1}{95,000}$	0.77	-----	-----	-----
	Constantine Harbor, Amchitka Island .....	-----	$\frac{1}{43,000}$	1.69	-----	-----	-----
	Chichagof Harbor, Attu Island .....	-----	$\frac{1}{19,000}$	3.83	-----	-----	-----



PACIFIC COAST—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

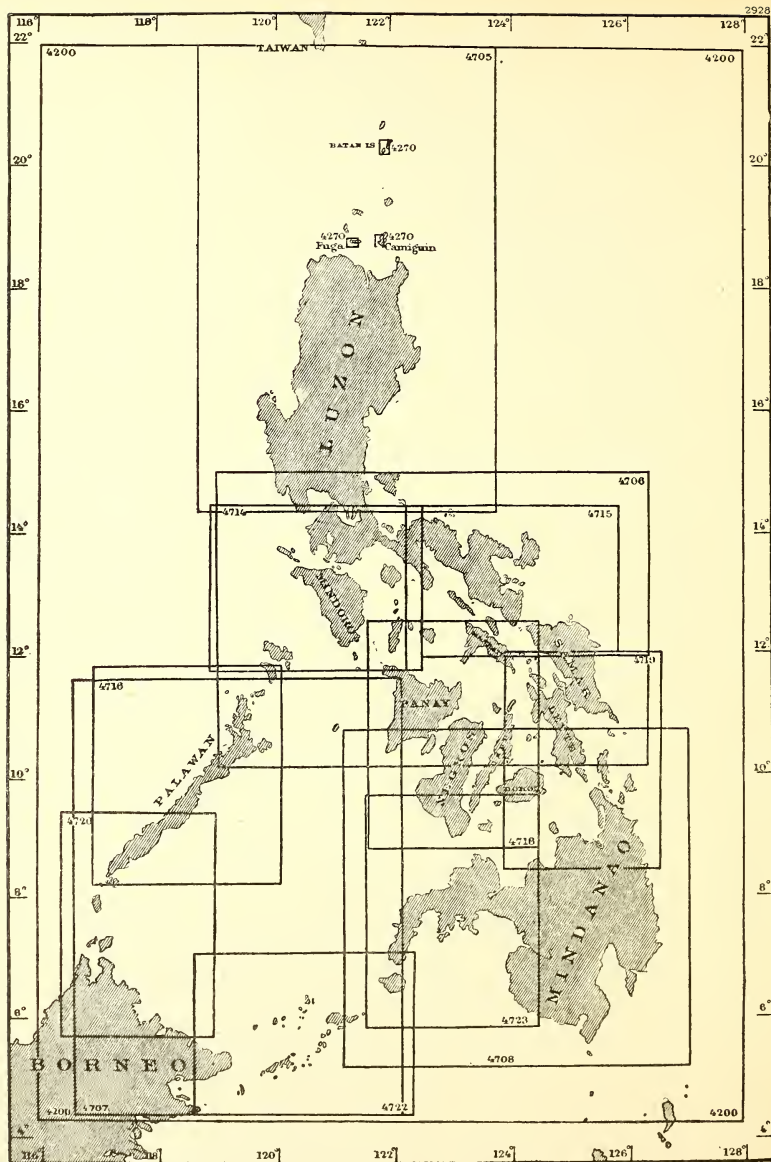
Catalogue number.	TITLE.	Territory.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.						
8860	Unimak and Akutan Passes and approaches....	Alaska .....	$\frac{1}{300,000}$	0.27	33 × 42	1916	\$0.50
9370	Cape Romanzof to St. Michael.....	Alaska .....	$\frac{1}{300,000}$	0.27	34 × 36	1901	.50
9372	Yukon River, Apoon Mouth to Head of Passes..	Alaska .....	$\frac{1}{80,000}$	0.91	32 × 38	1914	.25
	Apoon Mouth .....		$\frac{1}{20,000}$	3.65			
9373	Yukon River, Kwikluak Mouth.....	Alaska .....	$\frac{1}{80,000}$	0.91	29 × 39	1901	.25
9375	St. Michael Bay, Norton Sound .....	Alaska .....	$\frac{1}{20,000}$	3.65	32 × 38	1901	.50
9380	Norton Sound .....	Alaska .....	$\frac{1}{400,000}$	0.18	33 × 41	1914	.50
9382	Golofnin Bay, Norton Sound.....	Alaska .....	$\frac{1}{40,000}$	1.82	32 × 39	1903	.50
9381	Port Safety, Norton Sound .....	Alaska .....	$\frac{1}{15,000}$	4.86	19 × 21	1905	.25
9385	Port Clarence and Grantley Harbor.....	Alaska .....	$\frac{1}{80,000}$	0.91	19 × 27	1912	.25
9103	Kuskokwim Bay .....		$\frac{1}{200,000}$	0.36	24 × 37	1916	.50
	Goodnews Bay .....		$\frac{1}{80,000}$	0.91			
9104	Kuskokwim River—Eek Island to Bethel.....		$\frac{1}{100,000}$	0.73	20 × 37	1916	.30





PACIFIC OCEAN—HAWAIIAN AND MARIANAS ISLANDS.  
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	Island.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	<b>SAILING, COAST, AND HARBOR CHARTS.</b>						
4101	Mahukona Harbor and approaches.....	Hawaii .....	$\frac{1}{5,000}$	14.59	17 × 23	1910	\$0.20
4117	Hawaiian Islands, Oahu to Niihau.....	Hawaii .....	$\frac{1}{250,000}$	0.29	32 × 42	1912	.50
4102	Hawaiian Islands.....	Hawaii .....	$\frac{1}{600,000}$	0.12	30 × 44	1917	.50
4103	Hilo Bay.....	Hawaii .....	$\frac{1}{10,000}$	7.30	28 × 39	1915	.25
4104	Maalaea Bay.....	Maui.....	$\frac{1}{10,000}$	7.30	32 × 40	1915	.25
4105	Kahului Harbor and approaches.....	Maui.....	$\frac{1}{10,000}$	7.30	26 × 29	1913	.30
4106	Kaunakakai Harbor.....	Molokai.....	$\frac{1}{10,000}$	7.30	15 × 18	1916	.25
4107	Pearl Harbor.....	Oahu.....	$\frac{1}{15,000}$	4.86	30 × 34	1915	.25
4108	Hanapepe Bay.....	Kanai.....	$\frac{1}{5,000}$	14.59	16 × 17	1910	.25
4109	Honolulu Harbor.....	Oahu.....	$\frac{1}{5,000}$	14.59	23 × 35	1916	.50
4115	Hawaii.....	.....	$\frac{1}{247,000}$	0.29	35 × 39	1916	.50
4116	Hawaii to Oahu.....	.....	$\frac{1}{247,000}$	0.29	33 × 42	1916	.50
4202	Guam Island, Marianas Islands.....	.....	$\frac{1}{80,000}$	0.91	29 × 31	1906	.50
	Port Tarofoto.....	Guam.....	$\frac{1}{10,500}$	6.95	.....	.....	.....
	Agaña Bay.....	Guam.....	$\frac{1}{28,300}$	2.58	.....	.....	.....
	Umata Bay.....	Guam.....	$\frac{1}{5,330}$	13.69	.....	.....	.....
	Port San Luis D'Apra.....	Guam.....	$\frac{1}{37,500}$	1.95	.....	.....	.....

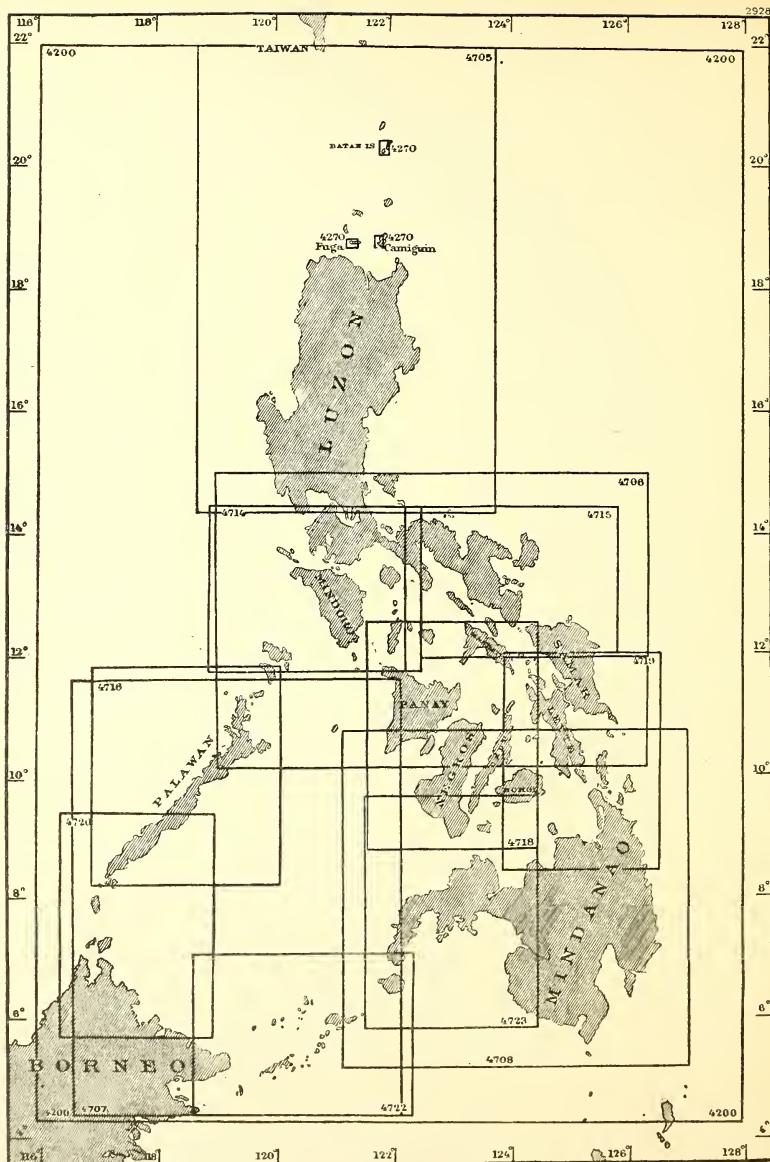


## PACIFIC OCEAN—PHILIPPINE ISLANDS.

## GEOGRAPHICAL ARRANGEMENT.

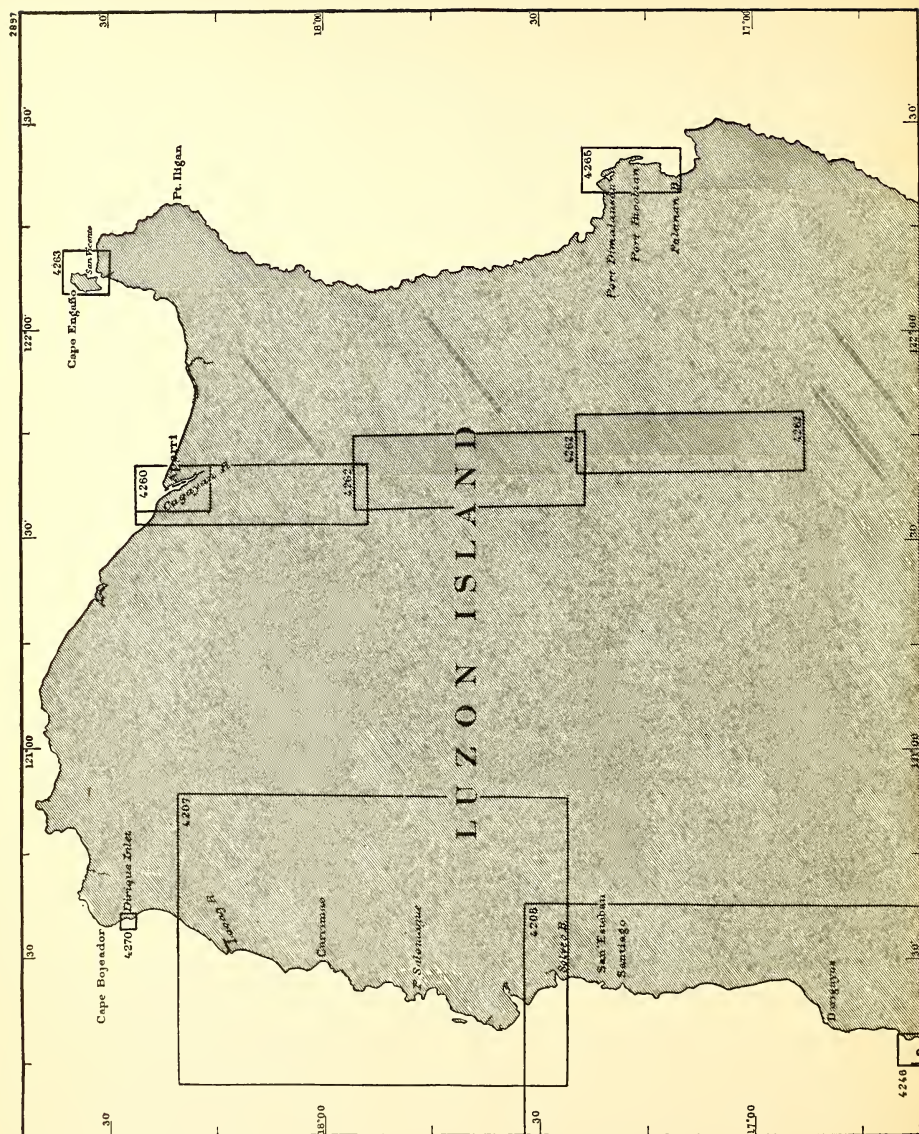
Catalogue number.	TITLE.	SCALE.		Size of border (inches).	Date of last edition.	Price.
		Average.	Inches to nautical mile.			
	<b>SAILING CHARTS AND GENERAL CHARTS OF THE COAST.</b>					
4200	Philippine Islands.....	$\frac{1}{1,600,000}$	0.046	33 × 49	1917	\$0.50
4705	Manila Bay to Taiwan.....	$\frac{1}{800,000}$	0.09	28 × 44	1911	.50
4706	Philippine Islands, central part.....	$\frac{1}{800,000}$	0.09	27 × 40	1917	.50
4708	Philippine Islands, southeastern part.....	$\frac{1}{800,000}$	0.09	31 × 33	1917	.50
4714	Southwestern Luzon and Mindoro.....	$\frac{1}{395,000}$	0.18	32 × 39	1916	.50
4715	Southeastern Luzon, Masbate, and northern Samar.....	$\frac{1}{400,000}$	0.18	30 × 40	1914	.50
4716	Palawan Island.....	$\frac{1}{400,000}$	0.18	33 × 40	1916	.50
4718	Panay, Negros, and Cebu, with parts of Bohol and Masbate...	$\frac{1}{400,000}$	0.18	31 × 41	1917	.50
4719	Surigao Strait and Leyte, with parts of Samar and Mindanao...	$\frac{1}{400,000}$	0.18	30 × 40	1915	.50
4720	Balabac Strait and approaches.....	$\frac{1}{400,000}$	0.18	31 × 41	1917	.50
4722	Sulu Archipelago.....	$\frac{1}{400,000}$	0.18	30 × 42	1911	.50
4723	Western Mindanao.....	$\frac{1}{400,000}$	0.18	32 × 43	1912	.50
4707	Philippine Islands—southwestern part.....	$\frac{1}{800,000}$	0.09	31 × 41	1915	.50





PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	Island.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	<b>COAST AND HARBOR CHARTS.</b>						
4270	Harbors of Batan and Babuyan Islands and northern Luzon.	-----	-----	-----	23 × 24	1908	\$0.30
	Part of Batan Islands-----		$\frac{1}{40,000}$	1.82	-----	-----	-----
	Port San Pio Quinto-----	Camiguin	$\frac{1}{60,000}$	1.22	-----	-----	-----
	Musa Bay-----	Babuyan	$\frac{1}{30,000}$	2.43	-----	-----	-----
	Dirique Inlet-----	Luzon	$\frac{1}{10,000}$	7.30	-----	-----	-----



PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	Island.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
4263	Port San Vicente and vicinity .....	Luzon .....	$\frac{1}{20,000}$	3.65	25 × 27	1916	\$0.20
4260	Aparri Anchorage and part of Cagayan River ..	Luzon .....	$\frac{1}{25,000}$	2.92	20 × 33	1916	.30
4262	Cagayan River .....	Luzon .....	$\frac{1}{80,000}$	0.91	24 × 30	1903	.30
4207	Laoag to Vigan .....	Luzon .....	$\frac{1}{100,000}$	0.73	31 × 41	1906	.40
	Port Currimao and Gan Bay .....	.....	$\frac{1}{20,000}$	3.65	.....	.....	.....
	Salomague Harbor and Lapog Bay .....	.....	$\frac{1}{20,000}$	3.65	.....	.....	.....
4208	Solvec Cove to San Fernando .....	Luzon .....	$\frac{1}{100,000}$	0.73	31 × 42	1906	.40
	Solvec Cove .....	.....	$\frac{1}{10,000}$	7.30	.....	.....	.....
	San Esteban and Nalvo Bay .....	.....	$\frac{1}{20,000}$	3.65	.....	.....	.....
	Santiago Cove .....	.....	$\frac{1}{10,000}$	7.30	.....	.....	.....
	Darigayos Inlet .....	.....	$\frac{1}{10,000}$	7.30	.....	.....	.....





PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT

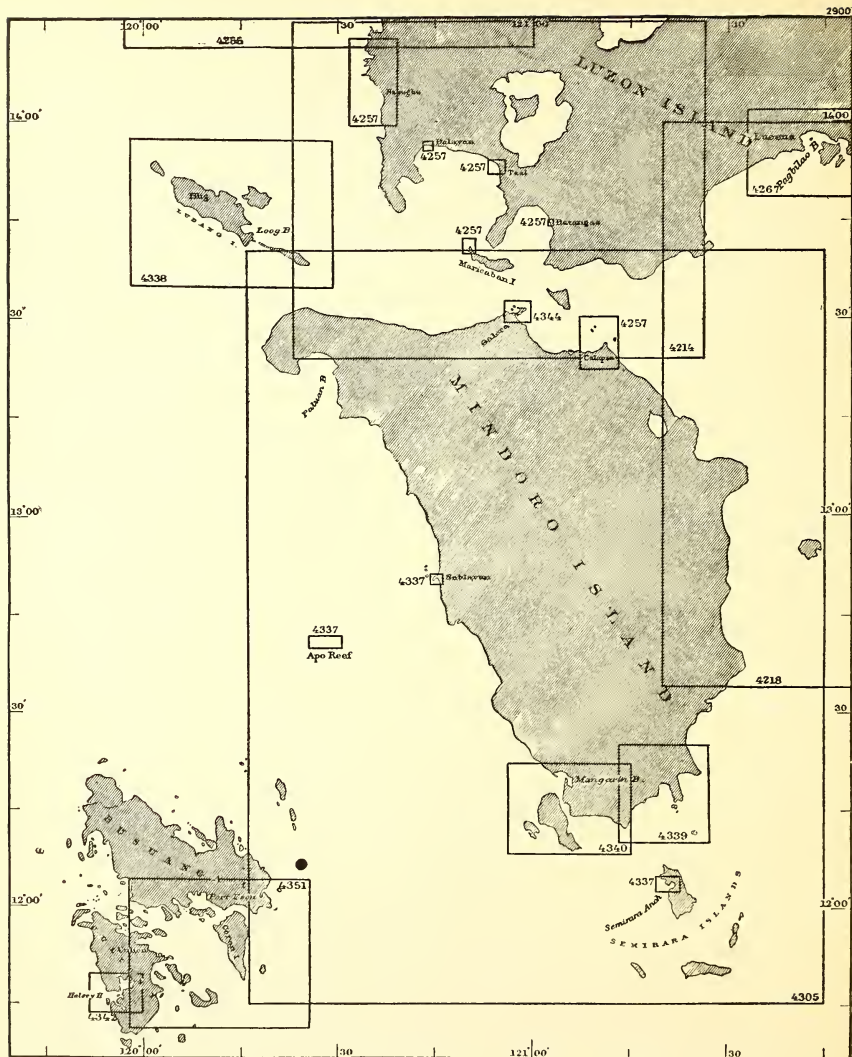
Catalogue number.	TITLE.	Island.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
4246	San Fernando Harbor .....	Luzon .....	$\frac{1}{15,000}$	4.86	25 × 28	1906	\$0.20
4209	Lingayen Gulf .....	Luzon .....	$\frac{1}{100,000}$	0.73	31 × 42	1913	.40
	Dagupan .....		$\frac{1}{20,000}$	3.65			
4239	Port Sual to Comas Island .....	Luzon .....	$\frac{1}{15,000}$	4.86	23 × 38	1904	.30
4238	Bolinao Harbor and approaches .....	Luzon .....	$\frac{1}{20,000}$	3.65	35 × 36	1912	.40
4210	Capones Island to Dasol Bay .....	Luzon .....	$\frac{1}{125,000}$	0.60	24 × 41	1915	.40
	Santa Cruz Inner Harbor .....		$\frac{1}{30,000}$	2.43			
	Iba Anchorage .....		$\frac{1}{50,000}$	2.43			
4266	Ports Masinloc and Matalvi and Palauig Bay .....	Luzon .....	$\frac{1}{25,000}$	2.92	29 × 32	1907	.30
4235	Pasig River .....	Luzon .....	$\frac{1}{10,000}$	7.30	26 × 42	1913	.30
4236	Manila and Cavite Harbors .....	Luzon .....			21 × 35	1913	.30
	Manila Harbor .....		$\frac{1}{10,000}$	7.30			
	Cavite Harbor .....		$\frac{1}{10,000}$	7.30			
4255	Manila Bay and Coast of Luzon to Capones Islands.	Luzon .....	$\frac{1}{125,000}$	0.60	27 × 37	1916	.40
	Mariveles Harbor .....		$\frac{1}{20,000}$	7.30			



PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	Island.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
4365	Harbors on east coast of Luzon .....	Luzon .....			25 × 36	1909	\$0.30
	Port Dimalansan and Port Bicobian (see page 153) .....		$\frac{1}{60,000}$	1.22			
	West Dilasac Bay .....		$\frac{1}{50,000}$	1.46			
	Casiguran Bay .....		$\frac{1}{80,000}$	0.91			
	Baler Bay .....		$\frac{1}{50,000}$	1.46			
	Hook Bay .....		$\frac{1}{20,000}$	3.65			
	Polillo Harbor .....		$\frac{1}{30,000}$	2.43			
	Port Lampon .....		$\frac{1}{20,000}$	3.65			
	Mauban Anchorage .....		$\frac{1}{20,000}$	3.65			
	Port Apat, Caloag Bay (see page 160) .....		$\frac{1}{20,000}$	3.65			
4326	Lanon Bay and Polillo Island .....		$\frac{1}{200,000}$	0.36	31 × 35	1912	.50

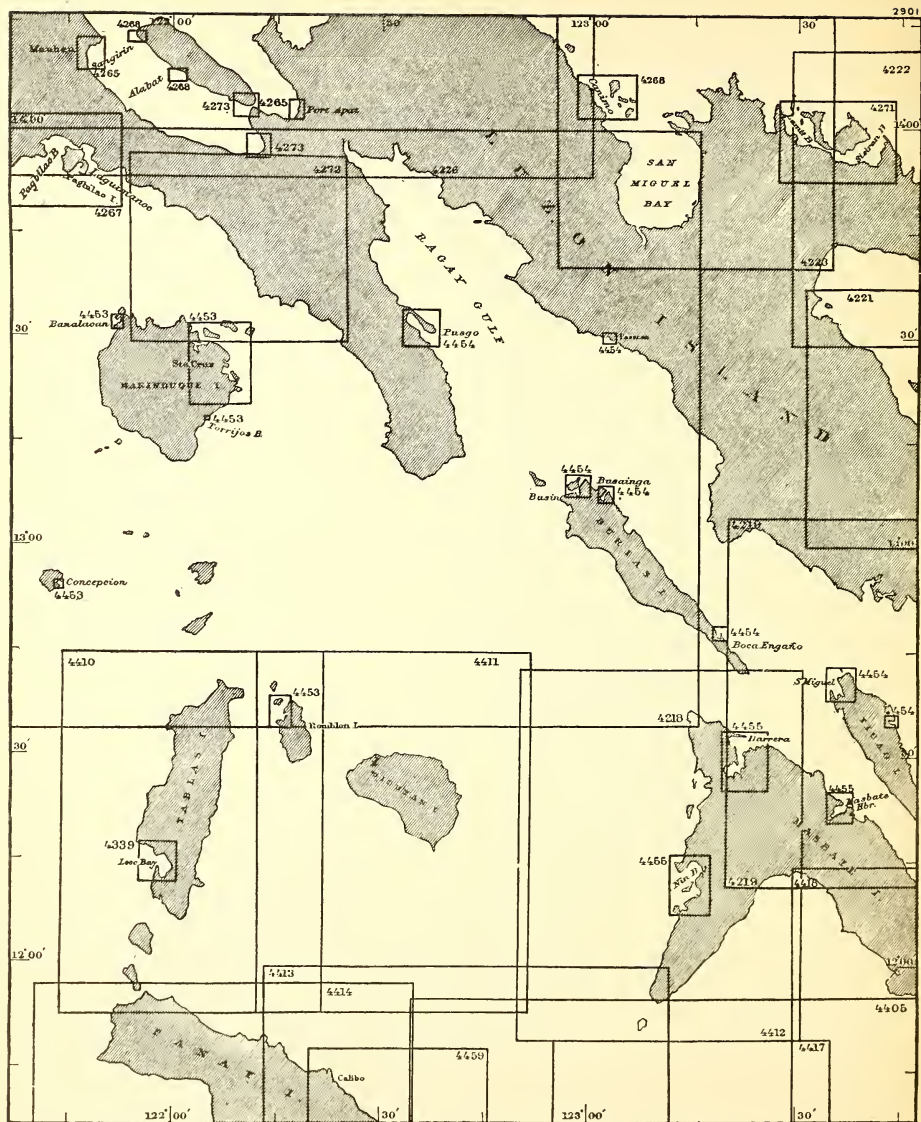




## PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

## GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	Island.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
4214	Verde Island Passage.....		$\frac{1}{125,000}$	0.58	31 × 37	1915	\$0.40
4305	Mindoro and vicinity.....		$\frac{1}{200,000}$	0.36	33 × 43	1914	.50
4351	Coron Bay.....	Calamian Group.	$\frac{1}{50,000}$	1.46	33 × 41	1916	.40
	Culion Landing.....		$\frac{1}{20,000}$				
4344	Port Galera and Varadero Bay.....	Mindoro.....	$\frac{1}{10,000}$	7.30	29 × 35	1910	.30
4340	Mangarin and Pandarochan Bays.....	Mindoro.....	$\frac{1}{40,000}$	1.58	26 × 30	1911	.30
4342	Halsey Harbor.....	Culion.....	$\frac{1}{20,000}$	3.65	23 × 32	1906	.30
4257	Anchorage, vicinity of Verde Island Passage.....				28 × 36	1907	.30
	Nasugbu and Jamelo Cove.....	Luzon.....	$\frac{1}{50,000}$	1.46			
	Balayan, Balayan Bay.....	Luzon.....	$\frac{1}{10,000}$	7.30			
	Taal and Lemery, Balayan Bay.....	Luzon.....	$\frac{1}{10,000}$	7.30			
	Batangas, Batangas Bay.....	Luzon.....	$\frac{1}{15,000}$	4.86			
	Port Maricaban, Verde Island Passage.....	Maricaban.....	$\frac{1}{10,000}$	7.30			
	Calapan, Verde Island Passage.....	Mindoro.....	$\frac{1}{40,000}$	1.82			
4337	Anchorage west and south of Mindoro.....	Mindoro.....			28 × 36	1916	.30
	Apo Reef.....		$\frac{1}{20,000}$				
	Sablayan Anchorage and Pandan Bay.....		$\frac{1}{20,000}$				
	Semerara Anchorage.....		$\frac{1}{20,000}$				
4338	Lubang Islands.....		$\frac{1}{60,000}$	1.22	28 × 38	1914	.30
	Golo Pass.....		$\frac{1}{20,000}$	3.65			
4339	Anchorage in southeastern Mindoro and Tablas Island.....	Mindoro.....	$\frac{1}{40,000}$	1.82	25 × 37	1912	.30
	Looc Bay.....	Tablas.....	$\frac{1}{40,000}$	1.82			
	Lagara Cove.....	Mindoro.....	$\frac{1}{20,000}$	3.65			



## PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

## GEOGRAPHICAL ARRANGEMENT.

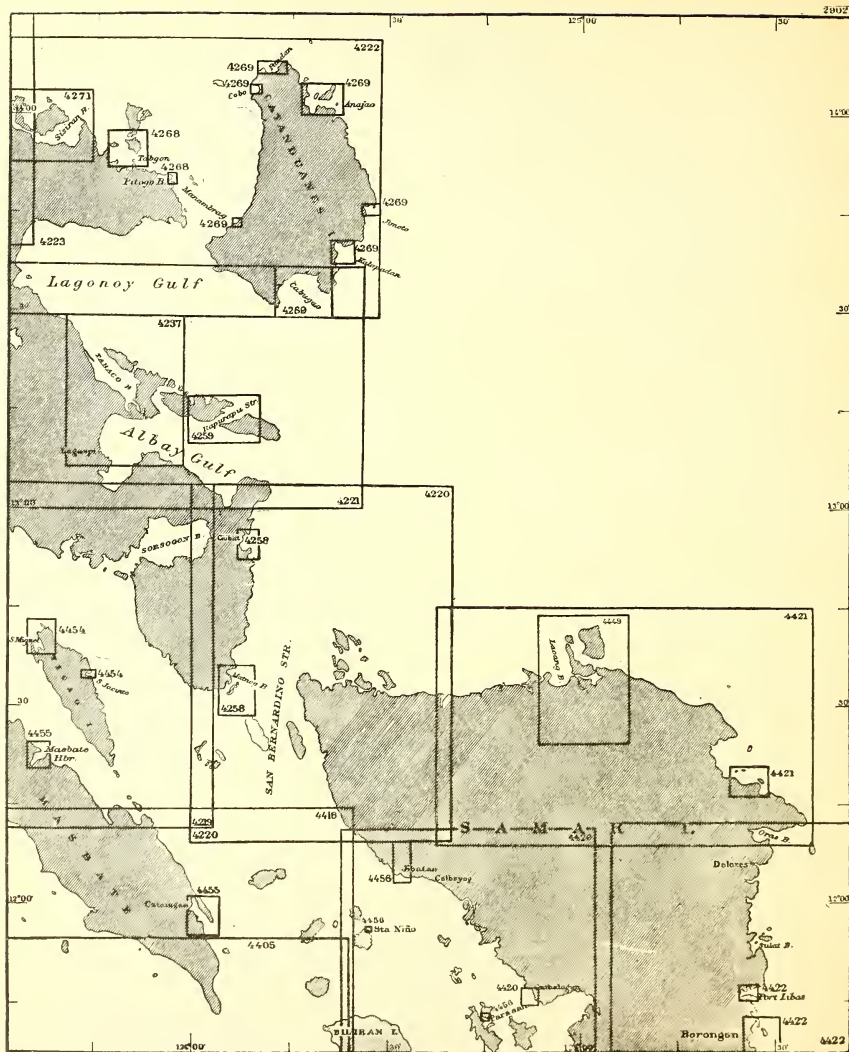
Catalogue number.	TITLE.	Island.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
4453	Harbors of Marinduque Island and vicinity -----				29 × 37	1913	\$0.30
	Port Balanacan, northeast coast -----	Marinduque	$\frac{1}{10,000}$	7.30			
	Santa Cruz Harbor and Masagasai Bay, northeast coast.	Marinduque	$\frac{1}{30,000}$	2.43			
	Torrijos Bay, east coast -----	Marinduque	$\frac{1}{5,000}$	14.59			
	Port Concepcion -----	Maestro de Campo.	$\frac{1}{10,000}$	7.30			
	Romblon Harbor -----	Romblon	$\frac{1}{10,000}$	7.30			
4454	Harbors on Burias and Ticao Islands and Ragay Gulf.				27 × 31	1914	.30
	Port Pusgo, Ragay Gulf -----	Luzon	$\frac{1}{30,000}$	2.43			
	Pasacao Anchorage, Ragay Gulf -----	Luzon	$\frac{1}{20,000}$	3.65			
	Port Busin, north coast -----	Burias	$\frac{1}{20,000}$	3.65			
	Port Busainga, northeast coast -----	Burias	$\frac{1}{15,000}$	4.86			
	Port Boca Engaño, southeast coast -----	Burias	$\frac{1}{10,000}$	7.30			
	Port San Miguel, north coast -----	Ticao	$\frac{1}{30,000}$	2.43			
	San Jacinto, east coast -----	Ticao	$\frac{1}{20,000}$	3.65			
4267	Lucena Anchorage, Pagbilao and Laguimanoc Bays (see also page 158).	Luzon	$\frac{1}{40,000}$	1.82	25 × 35	1907	.30
4410	Tablas Island and vicinity -----		$\frac{1}{100,000}$	0.73	28 × 38	1913	.40
4411	Sibuyan and Romblon Islands -----		$\frac{1}{100,000}$	0.73	29 × 39	1914	.40
4412	Western Masbate -----		$\frac{1}{100,000}$	0.73	30 × 40	1917	.40
4414	Northwestern Panay -----		$\frac{1}{100,000}$	0.73	33 × 40	1917	.40





PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	Island.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
4455	Harbors on coast of Masbate .....				28 × 37	1917	\$0.30
	Port Barrera, north coast .....		$\frac{1}{30,000}$	2.43			
	Masabato Harbor, northeast coast (see page 164) .....		$\frac{1}{20,000}$	3.65			
	Port Cataingan, southeast coast (see page 164) .....		$\frac{1}{30,000}$	2.43			
	Nin Bay, west coast .....		$\frac{1}{30,000}$	2.43			
4223	San Miguel and Lamit Bays (see also page 156) .....	Luzon	$\frac{1}{100,000}$	0.73	29 × 41	1913	.40
4268	Harbors from Alabat to Pitogo Bay .....				26 × 30	1909	.30
	Port Alabat, southwest coast .....	Alabat	$\frac{1}{20,000}$	3.65			
	Sangirin Bay, northwest coast .....	Alabat	$\frac{1}{20,000}$	3.65			
	Tabgon Anchorage, east coast (see page 166) .....	Luzon	$\frac{1}{30,000}$	2.43			
	Canimo Pass and Mercedes, east coast .....	Luzon	$\frac{1}{25,000}$	2.92			
	Pitogo Bay, east coast (see page 166) .....	Luzon	$\frac{1}{15,000}$	4.86			
4271	Lamit and Sisiran Bays .....	Luzon	$\frac{1}{30,000}$	2.43	30 × 41	1909	.30
4272	Unisan to Mulanay and northern part Marinduque .....	Luzon and Marinduque.	$\frac{1}{70,000}$	1.04	28 × 38	1910	.30
4218	Ragay Gulf to Tayabas Bay .....	Luzon	$\frac{1}{200,000}$	3.65	33 × 42	1913	.50
4273	Silangan Pass and Hondagua Harbor .....	Luzon	$\frac{1}{20,000}$	3.65	17 × 32	1913	.20

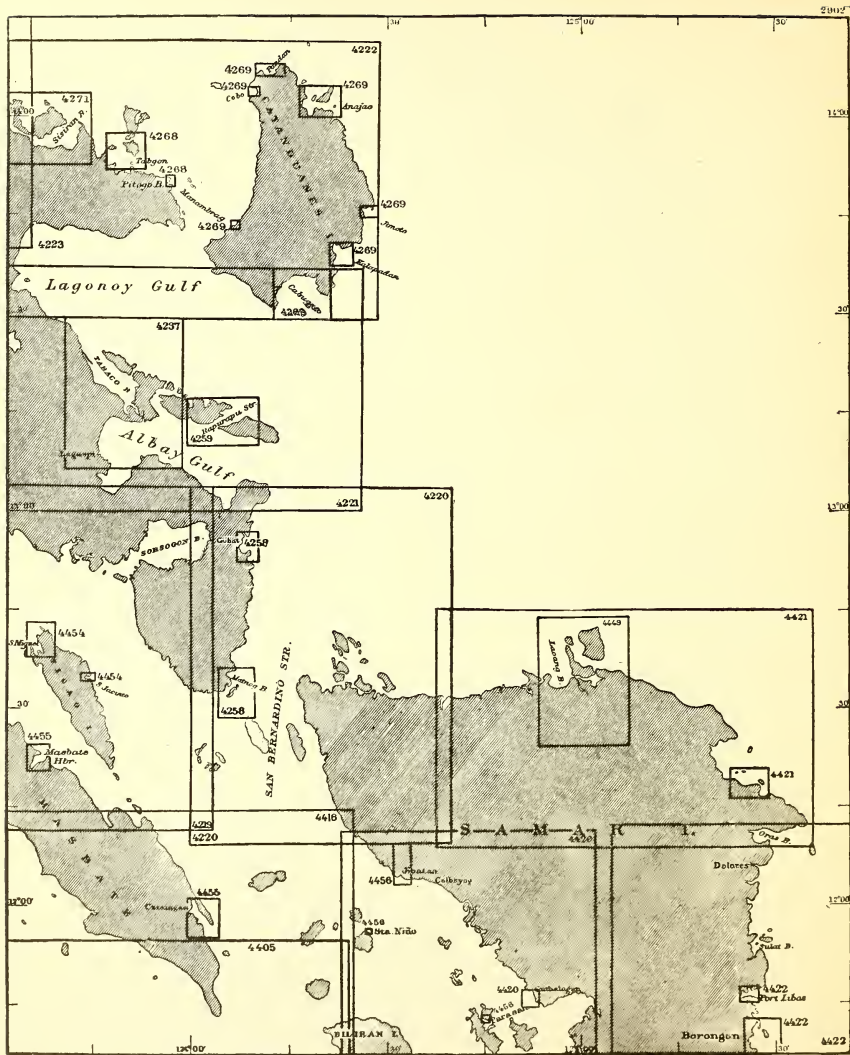


## PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

## GEOGRAPHICAL ARRANGEMENT.

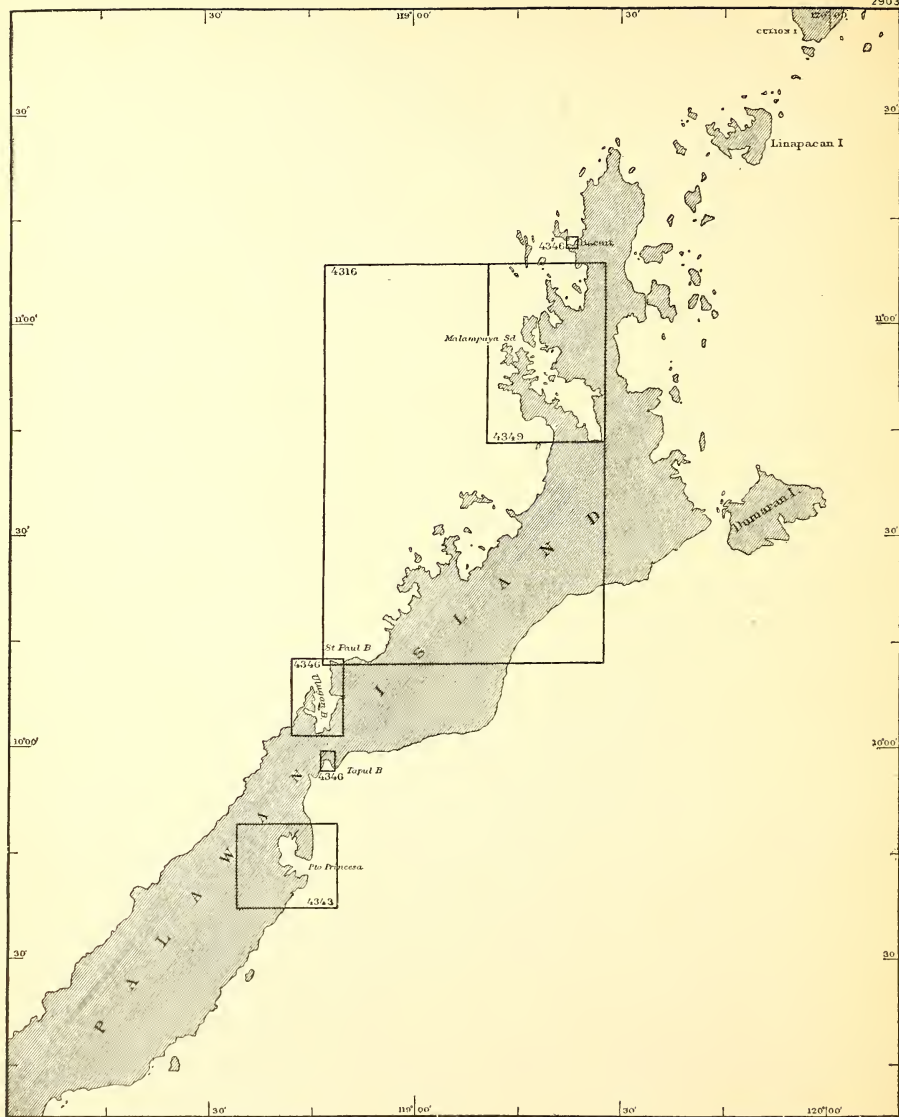
Catalogue number.	TITLE.	Island.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
4222	Lagonoy Gulf to Sisiran Bay (see also page 162) ..	Luzon .....	$\frac{1}{100,000}$	0.73	32 × 43	1909	\$0.40
4221	Albay Gulf and part of Lagonoy Gulf (see also page 162).	Luzon .....	$\frac{1}{100,000}$	0.73	27 × 40	1911	.50
4237	Tabaco Bay to Legaspi.....	Luzon .....	$\frac{1}{40,000}$	1.82	32 × 41	1908	.30
4259	Rapurapu Strait and Calanaga Bay .....	Batan and Rapurapu.	$\frac{1}{30,000}$	2.43	23 × 31	1906	.30
4219	Passages between Luzon and Masbate, and Sorsogon Bay (see also page 162).	.....	$\frac{1}{100,000}$	0.73	32 × 39	1910	.40
4258	Matnog Bay and Ticlin Strait.....	Luzon .....	$\frac{1}{30,000}$	2.43	18 × 26	1916	.20
	Port Gubat .....	Luzon .....	$\frac{1}{20,000}$	3.65			
4220	San Bernardino Strait .....	Luzon and Samar.	$\frac{1}{100,000}$	0.73	30 × 41	1917	.40
	Biri Anchorage .....	.....	$\frac{1}{20,000}$				
	Mano River.....	.....	$\frac{1}{10,000}$				
4449	Port Palapag and Laoang Bay .....	Samar .....	$\frac{1}{40,000}$	1.82	32 × 33	1911	.30
4418	Southeast Masbate (see also pages 162 and 164) .....	.....	$\frac{1}{100,000}$	0.73	30 × 41	1915	.40
4420	Calbayog to Tacloban (see also page 176).....	Samar and Leyte.	$\frac{1}{100,000}$	0.73	29 × 42	1914	.40
	Catbalogan Harbor .....	.....	$\frac{1}{35,000}$				
4421	Catarman to Oras Bay.....	Samar .....	$\frac{1}{100,000}$	0.73	30 × 42	1908	.40
	Helm Harbor and Ramon Bay .....	.....	$\frac{1}{25,000}$	2.90			
4422	Oras Bay to Matarinao Bay (see also page 176)....	Samar .....	$\frac{1}{100,000}$	0.73	29 × 41	1908	.40
	Port Libas.....	.....	$\frac{1}{30,000}$	2.43			
	Port Borongan .....	.....	$\frac{1}{30,000}$	2.43			
	Llorente and vicinity .....	.....	$\frac{1}{30,000}$	2.43			





PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

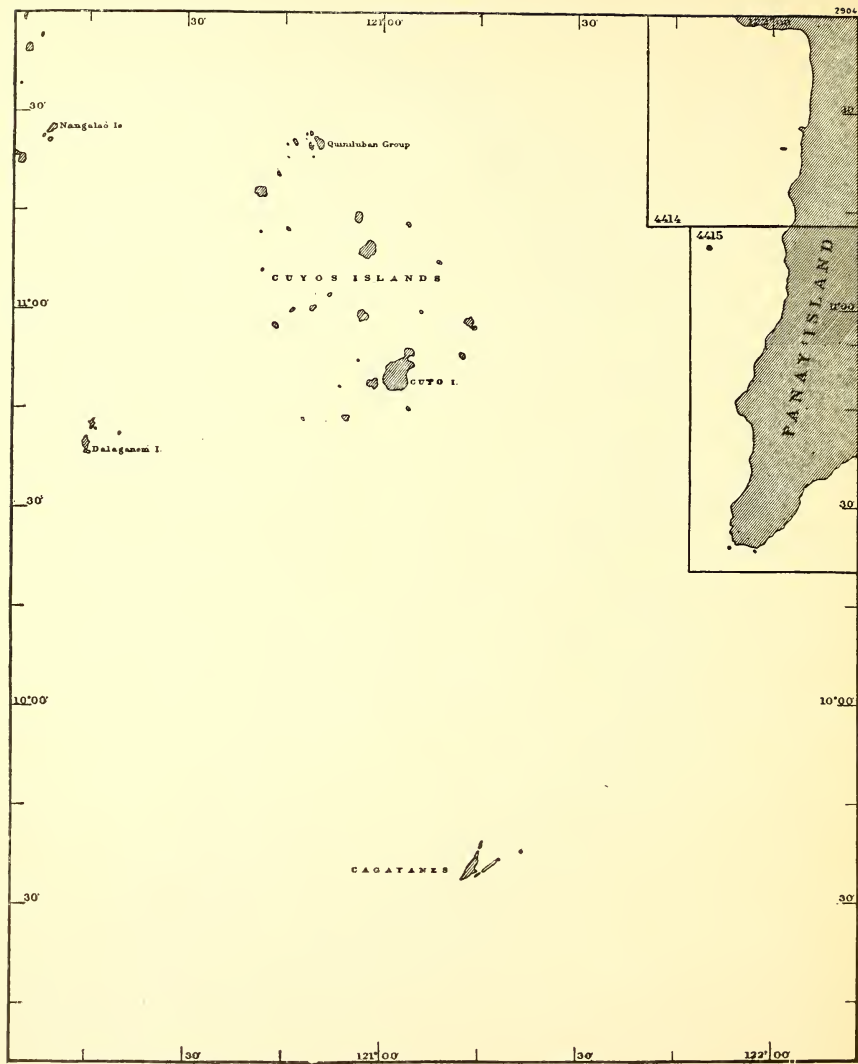
Catalogue number.	TITLE.	Island.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
4456	Harbors of Samar and Leyte.....				24 × 28	1914	\$0.30
	Jibatan River, west coast.....	Samar	$\frac{1}{50,000}$	1.46			
	Santo Niño.....	Santo Niño	$\frac{1}{5,000}$	14.59			
	Parasan Harbor.....	Daram	$\frac{1}{10,000}$	7.30			
	Biliran Strait.....	Leyte and Biliran.	$\frac{1}{20,000}$	3.65			
	Port Palompon (see page 176).....	Leyte	$\frac{1}{10,000}$	7.30			
4269	Harbors of Catanduanes.....				24 × 27	1909	.30
	Cabugao Bay, south coast.....		$\frac{1}{50,000}$	1.46			
	Bagamanoc and Anajao, east coast.....		$\frac{1}{30,000}$	2.43			
	Cobo Bay, west coast.....		$\frac{1}{20,000}$	3.65			
	Port Manambrag, west coast.....		$\frac{1}{20,000}$	3.65			
	Pandan Bay, north coast.....		$\frac{1}{30,000}$	2.43			
	Jimoto Bay, east coast.....		$\frac{1}{20,000}$	3.65			
	Kalapadan Bay, east coast.....		$\frac{1}{30,000}$	2.43			



PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

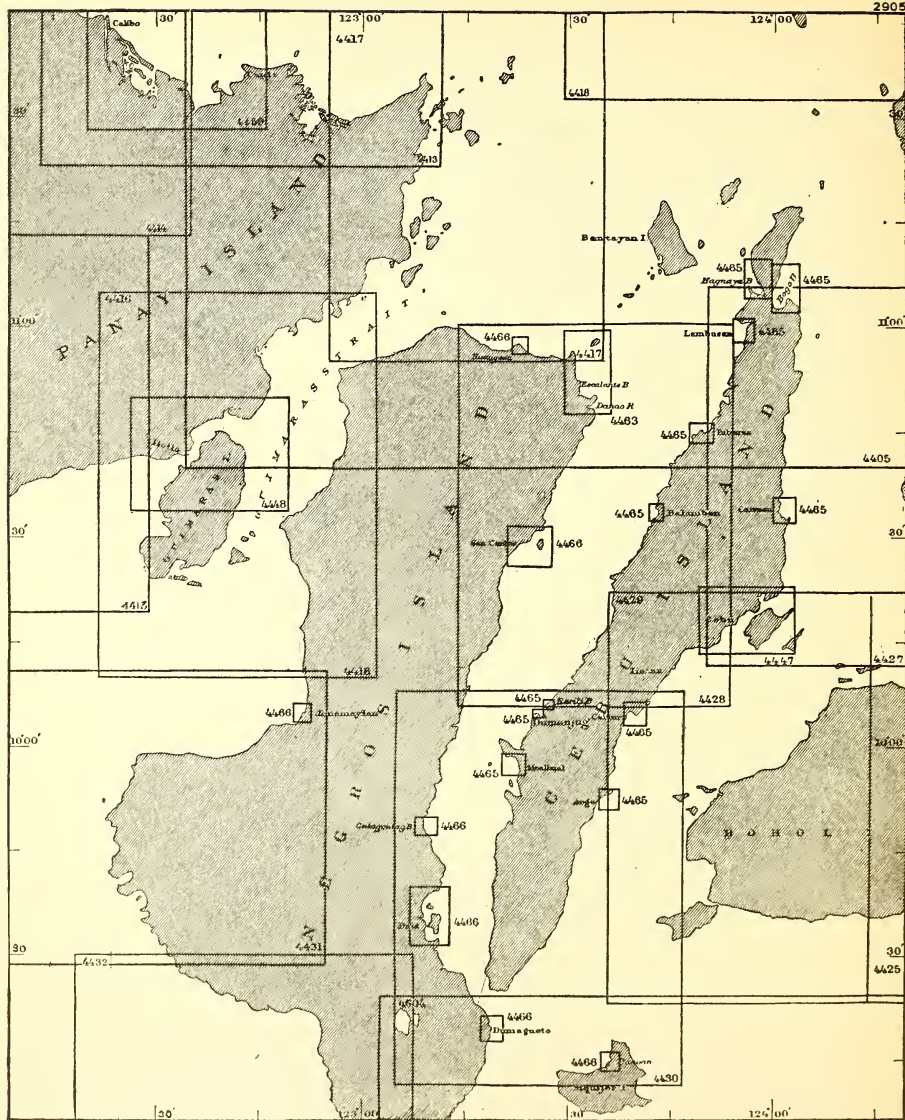
Catalogue number.	TITLE.	Island.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
4343	Puerto Princesa .....	Palawan	$\frac{1}{40,000}$	1.82	22 × 27	1917	\$0.30
4346	Harbors of Palawan Island .....				26 × 37	1905	.30
	Bacuit, northeast coast .....		$\frac{1}{15,000}$	4.86			
	Ulugan Bay, west coast .....		$\frac{1}{30,000}$	2.43			
	Malanut and Nakoda Bays, west coast (see page 178).		$\frac{1}{30,000}$	2.43			
	Culasian Bay, west coast (see page 178)....		$\frac{1}{20,000}$	3.65			
	San Antonio Bay, southeast coast (see page 178).		$\frac{1}{100,000}$	0.73			
	Tapul Bay, east coast, part of .....		$\frac{1}{20,000}$	3.65			
4316	Northwest coast of Palawan, Malampaya Sound to St. Paul Bay.		$\frac{1}{100,000}$	0.73	31 × 43	1905	.40
4349	Malampaya Sound and approaches .....	Palawan	$\frac{1}{50,000}$	1.46	25 × 38	1908	.40
4315	Palawan to Culion Island, including Linapacan Strait.		$\frac{1}{100,000}$	0.73	32 × 41	1917	.40





PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	Island	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
4415	COAST AND HARBOR CHARTS—Continued. Southwestern Panay (see also page 174) .....				30 × 40	1913	\$0.40
			$\frac{1}{100,000}$	0.73			

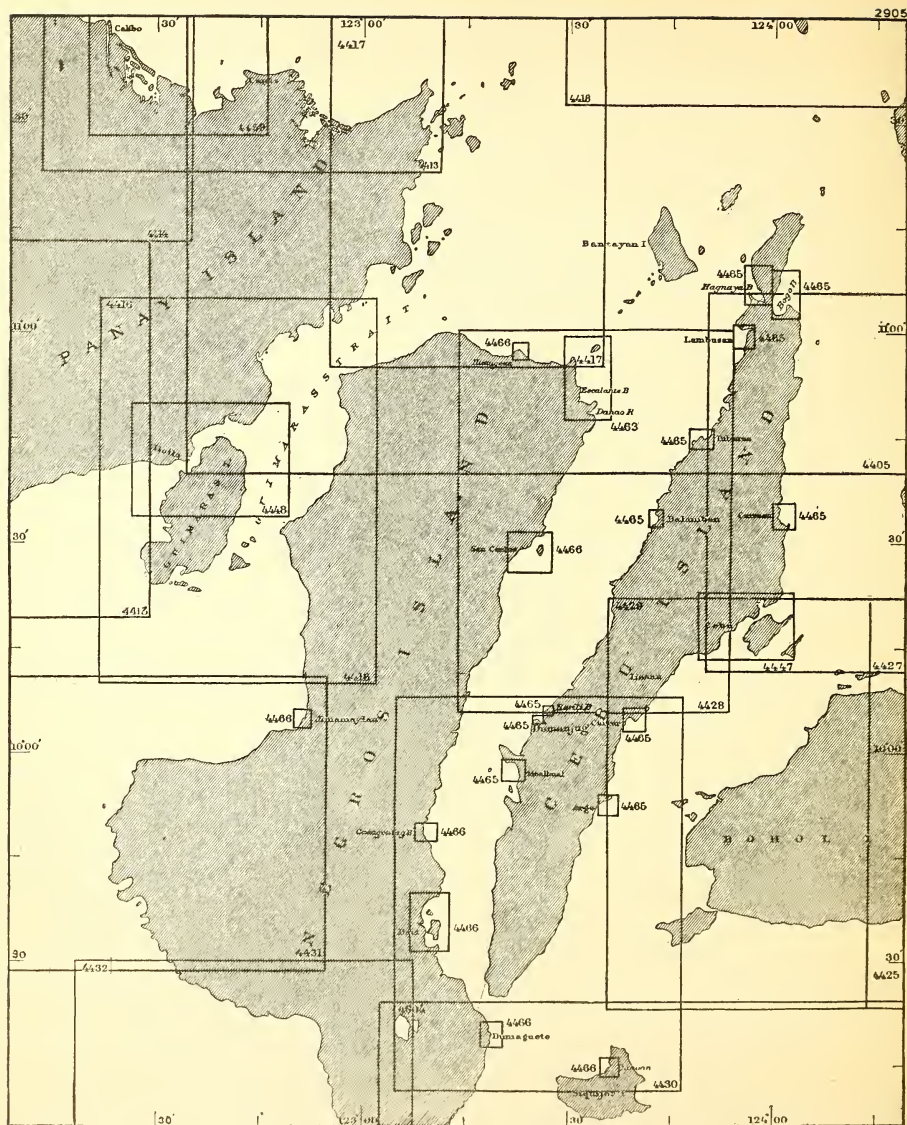


## PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

## GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	Island.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
4405	Visayan Sea .....		$\frac{1}{200,000}$	0.36	28 × 41	1914	\$0.50
4459	Capiz to Calibo (see also page 160) .....	Panay .....	$\frac{1}{50,000}$	1.46	29 × 38	1906	.30
4417	Northeast coast of Panay and adjacent islands (see also page 160) .....		$\frac{1}{100,000}$	0.73	31 × 42	1911	.40
4416	Iloilo and Guimaras Straits .....	Panay and Guimaras.	$\frac{1}{100,000}$	0.73	30 × 41	1915	.40
4448	Iloilo Strait and Harbor .....	Panay .....	$\frac{1}{50,000}$	1.46	24 × 32	1912	.30
	Iloilo River .....		$\frac{1}{10,000}$	7.30			
	Santa Ana Bay .....		$\frac{1}{25,000}$	2.92			
4428	Northern part of Tañon Strait .....	Negros and Cebu.	$\frac{1}{100,000}$	0.73	29 × 40	1911	.40
4447	Cebu Harbor and approaches .....	Cebu .....	$\frac{1}{30,000}$	2.43	28 × 35	1910	.30
	Cebu Anchorage .....		$\frac{1}{10,000}$	7.30			
4463	Escalante Harbor and vicinity .....	Negros .....	$\frac{1}{20,000}$	3.65	30 × 43	1909	.30
4413	Northern Panay, Sigat Point to Bulacane Point .....		$\frac{1}{100,000}$	0.73	28 × 43	1909	.40
4429	Western Bohol .....	Bohol .....	$\frac{1}{100,000}$	0.73	30 × 44	1911	.40
4430	Tañon, southeast part .....	Cebu and Negros.	$\frac{1}{100,000}$	0.73	31 × 42	1911	.40
4432	Southwestern Negros .....		$\frac{1}{100,000}$	0.73	27 × 35	1913	.40
4431	Western Negros .....		$\frac{1}{100,000}$	0.73	32 × 36	1914	.40





## PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

## GEOGRAPHICAL ARRANGEMENT.

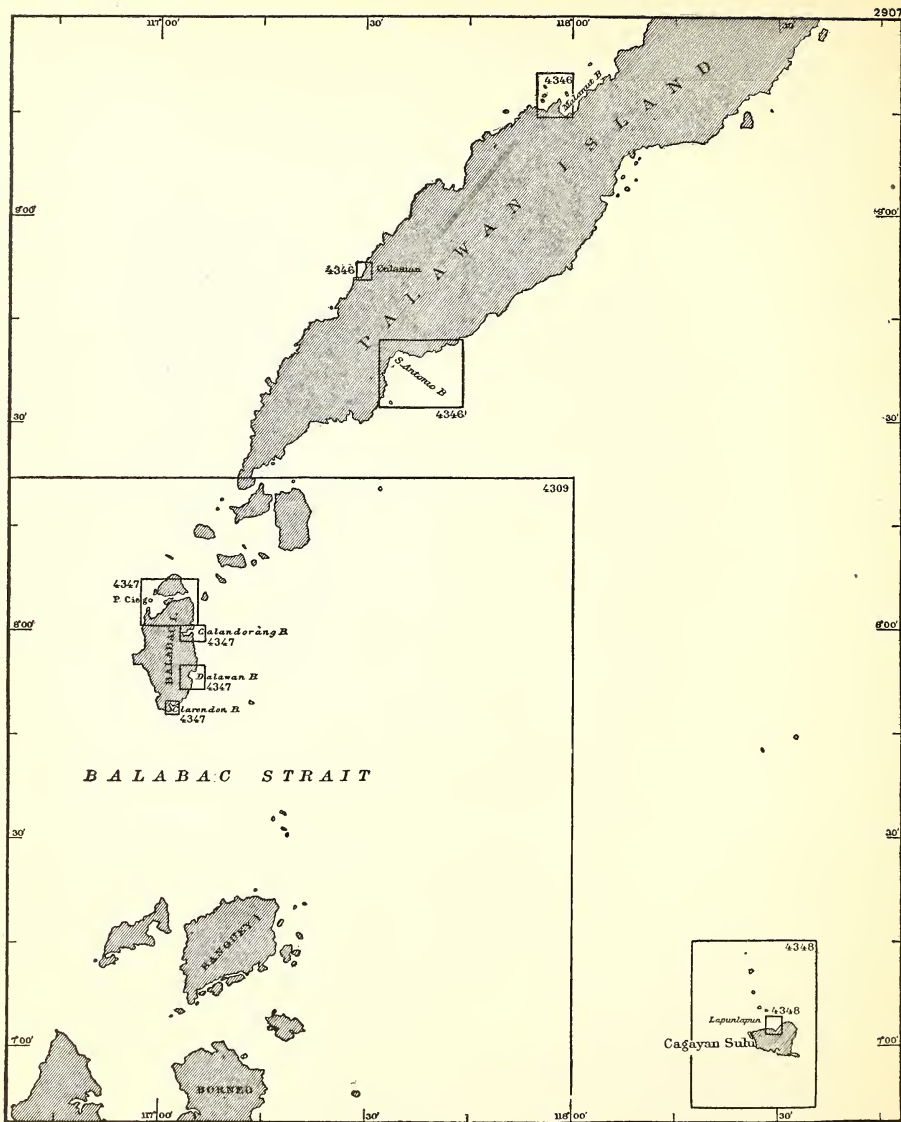
Catalogue number.	TITLE.	Island.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
4465	Harbors in Cebu.....				25 × 32	1912	\$0.30
	Hagnaya Bay .....		$\frac{1}{30,000}$	2.43			
	Tuburan .....		$\frac{1}{30,000}$	2.43			
	Balamban Bay .....		$\frac{1}{30,000}$	2.43			
	Lambusan Bay .....		$\frac{1}{30,000}$	2.43			
	Dumanjug Bay .....		$\frac{1}{20,000}$	3.65			
	Moalbual Bay .....		$\frac{1}{20,000}$	3.65			
	Argao.....		$\frac{1}{25,000}$	2.92			
	Bogo Bay .....		$\frac{1}{30,000}$	2.43			
	Carca Bay .....		$\frac{1}{15,000}$	4.86			
	Port Carmen .....		$\frac{1}{15,000}$	4.86			
	Barili Bay.....		$\frac{1}{15,000}$	4.86			
4427	East coast of Cebu.....	Cebu.....	$\frac{1}{100,000}$	0.73	28 × 40	1910	.40
4466	Harbors in Negros and vicinity.....				32 × 37	1911	.30
	Dumaguete .....	Negros .....	$\frac{1}{10,000}$	7.30			
	Himugaan River .....	Negros .....	$\frac{1}{15,000}$	4.86			
	Calacalog Bay .....	Negros .....	$\frac{1}{10,000}$	7.30			
	Port Canoan .....	Siquijor .....	$\frac{1}{5,000}$	14.59			
	Port Bombonan .....	Negros.....	$\frac{1}{10,000}$	7.30			
	Refugio Pass.....	Negros.....	$\frac{1}{35,000}$	2.08			
	Bais .....	Negros.....	$\frac{1}{30,000}$	2.43			
	Port Siyt.....	Negros.....	$\frac{1}{10,000}$	7.30			
	Himamaylan .....	Negros.....	$\frac{1}{20,000}$	3.65			



PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

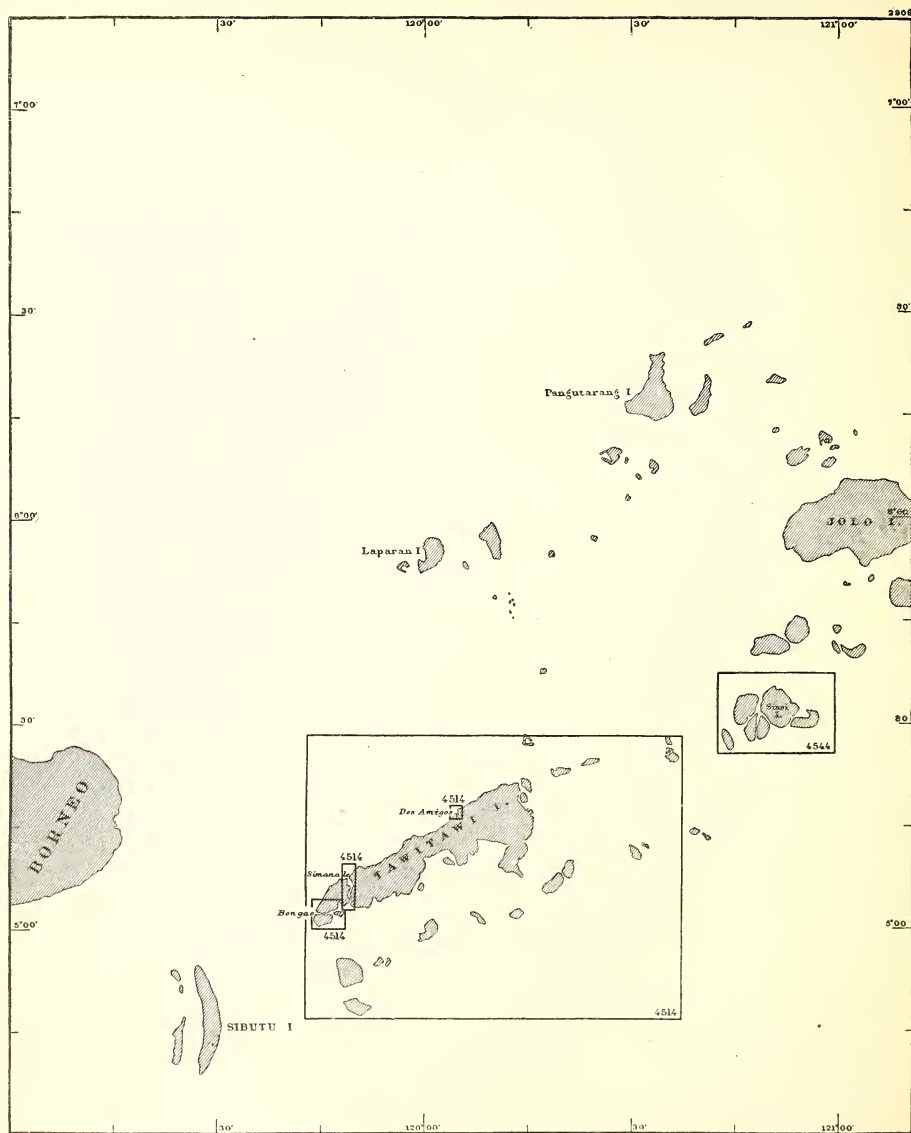
Catalogue number.	TITLE.	Island.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
4426	Southwest coast of Leyte, Ormoc Bay to Maasin.....		$\frac{1}{100,000}$	0.73	30 × 41	1915	\$0.40
	Maasin.....		$\frac{1}{10,000}$	7.30			
4423	Southern part of Samar, San Pedro Bay and part of Leyte.		$\frac{1}{100,000}$	0.73	30 × 43	1910	.40
4425	Eastern Bohol and part of Leyte.....		$\frac{1}{100,000}$	0.73	31 × 44	1910	.40
4464	San Juanico Strait and Janabatas Channel.....	Samar and Leyte.	$\frac{1}{30,000}$	2.43	31 × 40	1910	.30
	Northern entrance to San Juanico Strait.....		$\frac{1}{10,000}$	7.30			
4467	Guian.....	Samar	$\frac{1}{20,000}$	3.65	19 × 31	1911	.30
	and Pambujan Harbors.....		$\frac{1}{35,000}$	2.08			
4434	Southeast coast of Leyte and Dinagat Island.....		$\frac{1}{100,000}$	0.73	31 × 41	1913	.40
	Liloan Bay and Panaon Strait.....		$\frac{1}{10,000}$	7.30			
4603	Surigao Strait and vicinity.....	Mindanao and Leyte.	$\frac{1}{200,000}$	0.37	34 × 44	1913	.50
4629	Hinatuan Passage.....	Mindanao.....	$\frac{1}{100,000}$	0.73	30 × 38	1913	.40
	Surigao.....		$\frac{1}{10,000}$	7.30			
4638	Harbors on Dinagat, Siargao, and Bucas Islands.....				30 × 37	1913	.30
	Dapa Channel.....		$\frac{1}{35,000}$	2.08			
	Gaas Bay and Inlet.....		$\frac{1}{30,000}$	2.43			
	Dinagat.....		$\frac{1}{20,000}$	3.65			
	Sohutan Bay and Inlet.....		$\frac{1}{20,000}$	3.65			
	San Roque.....		$\frac{1}{25,000}$	2.92			
	Port Pilar.....		$\frac{1}{30,000}$	2.43			
	Malinao Inlet.....		$\frac{1}{25,000}$	2.92			





PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

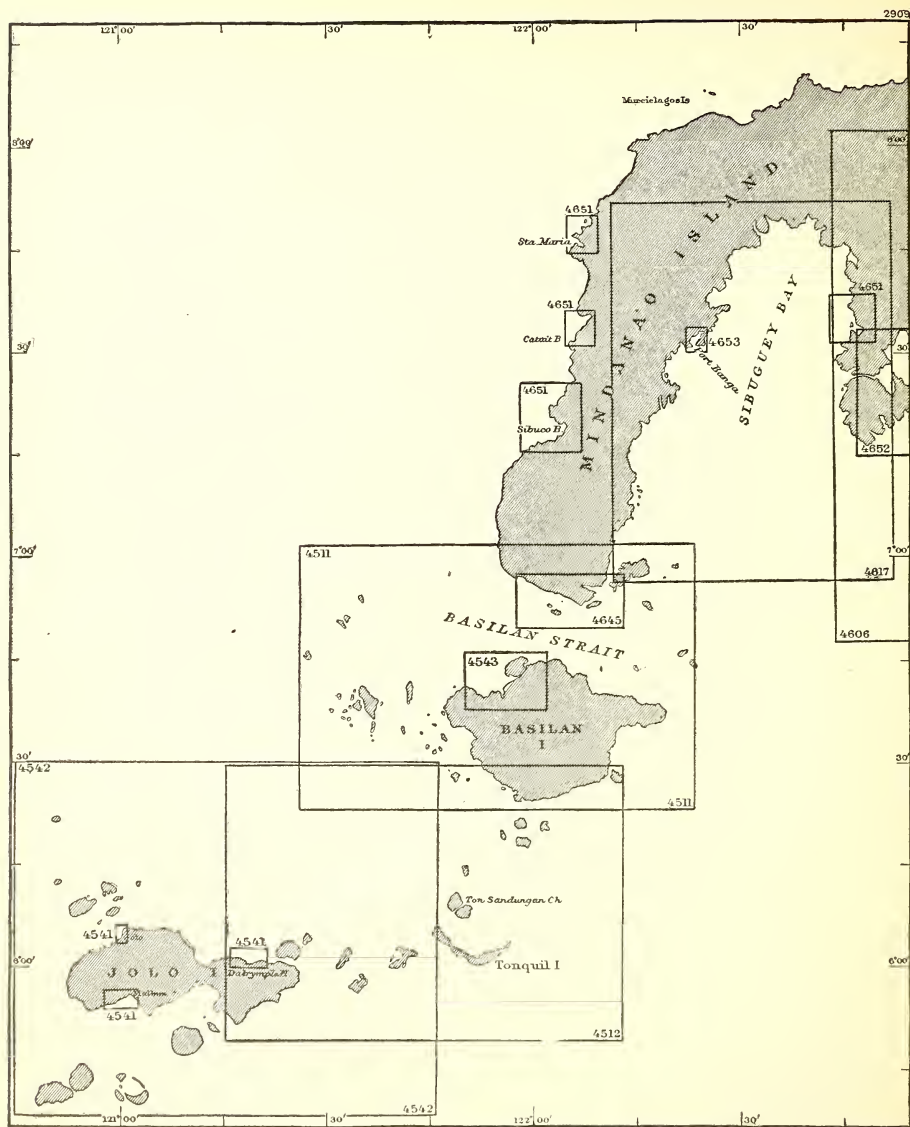
Catalogue number.	TITLE.	Island.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
4309	Balabac Strait.....		$\frac{1}{199,000}$	0.37	32 × 42	1910	\$0.40
4348	Cagayan Sulu and adjacent islands.....		$\frac{1}{75,000}$	0.95	19 × 37	1905	.30
	Lapunlapun Anchorage.....		$\frac{1}{15,000}$	4.86			
4347	Harbors of Balabac Island.....				23 × 28	1905	.30
	Clarendon Bay, south coast.....		$\frac{1}{15,000}$	4.86			
	Calandorang Bay, east coast.....		$\frac{1}{15,000}$	4.86			
	Dalawan Bay, east coast.....		$\frac{1}{20,000}$	3.65			
	Port Ciego, north coast.....		$\frac{1}{40,000}$	1.82			



PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	Island.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
4514	Tawitawi Group, Sulu Archipelago .....		$\frac{1}{100,000}$	0.73	31 × 41	1906	\$0.40
	Port Dos Amigos .....		$\frac{1}{15,000}$	4.86			
	Port Bongao .....		$\frac{1}{25,000}$	2.92			
	Simanale Bay and Channel .....		$\frac{1}{25,000}$	2.92			
4544	Siasi and Lapac Islands.....		$\frac{1}{30,000}$	2.43	31 × 41	1906	.30





## PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

## GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	Island.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
4511	Basilan Strait .....	Mindanao and Basilan.	$\frac{1}{100,000}$	0.73	30 × 44	1913	\$0.50
4512	Samales Group, Sulu Archipelago .....		$\frac{1}{100,000}$	0.73	30 × 43	1906	.40
	Ton Sandungun Channel .....		$\frac{1}{25,000}$	2.92			
4542	Jolo Island and vicinity .....		$\frac{1}{189,000}$	0.38	21 × 25	1911	.30
4541	Anchorage of Jolo Island .....	Jolo .....			26 × 37	1912	.30
	Jolo Anchorage, north coast .....		$\frac{1}{10,000}$	7.30			
	Dalrymple Harbor, north coast .....		$\frac{1}{20,000}$	3.65			
	Maibun Bay, south coast .....		$\frac{1}{40,000}$	1.82			
4543	Isabela Channel and approaches .....	Basilan .....	$\frac{1}{25,000}$	2.92	25 × 33	1910	.30
4645	Masingloc Anchorage to Caldera Bay .....	Mindanao .....	$\frac{1}{30,000}$	2.43	22 × 38	1912	.30
4617	Sibuguey Bay .....	Mindanao .....	$\frac{1}{100,000}$	0.73	30 × 41	1909	.40

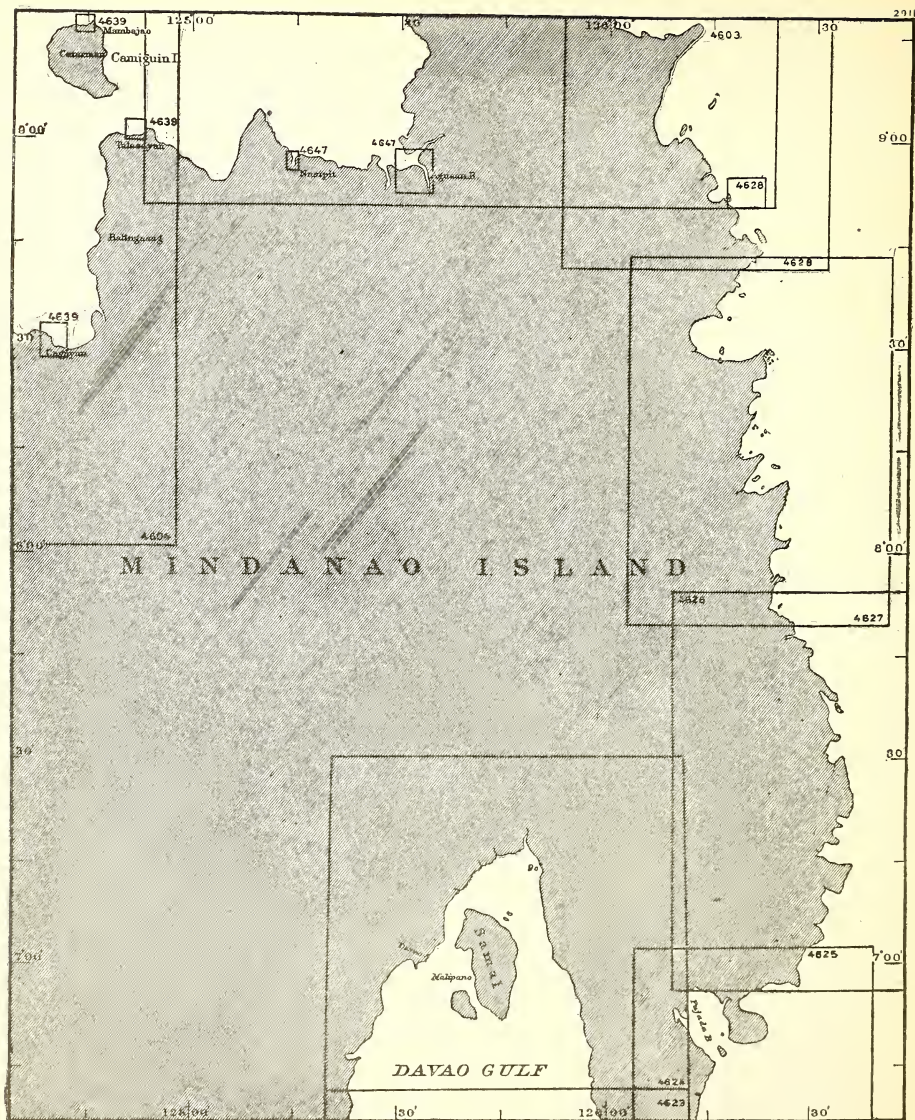


## PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

## GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	Island.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Fathoms to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
4641	Murcielagos Bay .....	Mindanao .....	$\frac{1}{30,000}$	2.43	19 × 23	1901	\$0.10
4640	Port Misamis .....	Mindanao .....	$\frac{1}{60,000}$	1.22	26 × 33	1908	.30
	Port Misamis .....		$\frac{1}{20,000}$	3.65			
4639	Anchorage in Illigan Bay and vicinity .....	Mindanao .....			29 × 35	1911	.30
	Lanagran and Inamuca Bay .....		$\frac{1}{25,000}$	2.92			
	Dipitan and Dipolog .....		$\frac{1}{40,000}$	1.82			
	Canauayor Anchorage .....		$\frac{1}{20,000}$	3.65			
	Jimanez .....		$\frac{1}{20,000}$	3.65			
	Iligan and Overton Anchorages and Queen-along Cove.		$\frac{1}{40,000}$	1.82			
	Oroquieta .....		$\frac{1}{20,000}$	3.65			
	Port Mambajao .....		$\frac{1}{10,000}$	7.30			
	Cagayan Anchorage .....		$\frac{1}{20,000}$	3.65			
4604	Iligan Bay and vicinity .....	P. I. ....	$\frac{1}{200,000}$	0.26	31 × 41	1911	.50





PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	Island.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
4651	Harbors on south and west coasts of Mindanao.....				28 × 32	1913	\$0.30
	Dumanquilas Bay (see page 184).....	Mindanao	$\frac{1}{75,000}$	0.97			
	Taba Bay (see page 184).....	Mindanao	$\frac{1}{30,000}$	2.43			
	Port Santa Maria (see page 182).....	Mindanao	$\frac{1}{40,000}$	1.82			
	Panabutan and Canit Bay (see page 182).....	Mindanao	$\frac{1}{40,000}$	1.82			
	Sibuco Bay (see page 182).....	Mindanao	$\frac{1}{100,000}$	0.73			
4647	Agusan River entrance.....	Mindanao	$\frac{1}{20,000}$	3.65	19 × 28	1911	.30
	Nasipit Harbor.....	Mindanao	$\frac{1}{15,000}$	4.86			
4628	Jobo Point to Tugas Point.....	Mindanao	$\frac{1}{100,000}$	0.73	30 × 41	1913	.40
	Bitangan Bay.....		$\frac{1}{30,000}$	2.43			
4626	Mayo Bay to Cateel Bay.....	Mindanao	$\frac{1}{100,000}$	0.73	30 × 41	1915	.40
4627	Cateel Bay to Jobo Point.....	Mindanao	$\frac{1}{100,000}$	0.73	29 × 40	1915	.40
	Lamon Anchorage.....		$\frac{1}{20,000}$	3.65			
	Catarman Anchorage.....		$\frac{1}{20,000}$	3.65			





## PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

## GEOGRAPHICAL ARRANGEMENT.

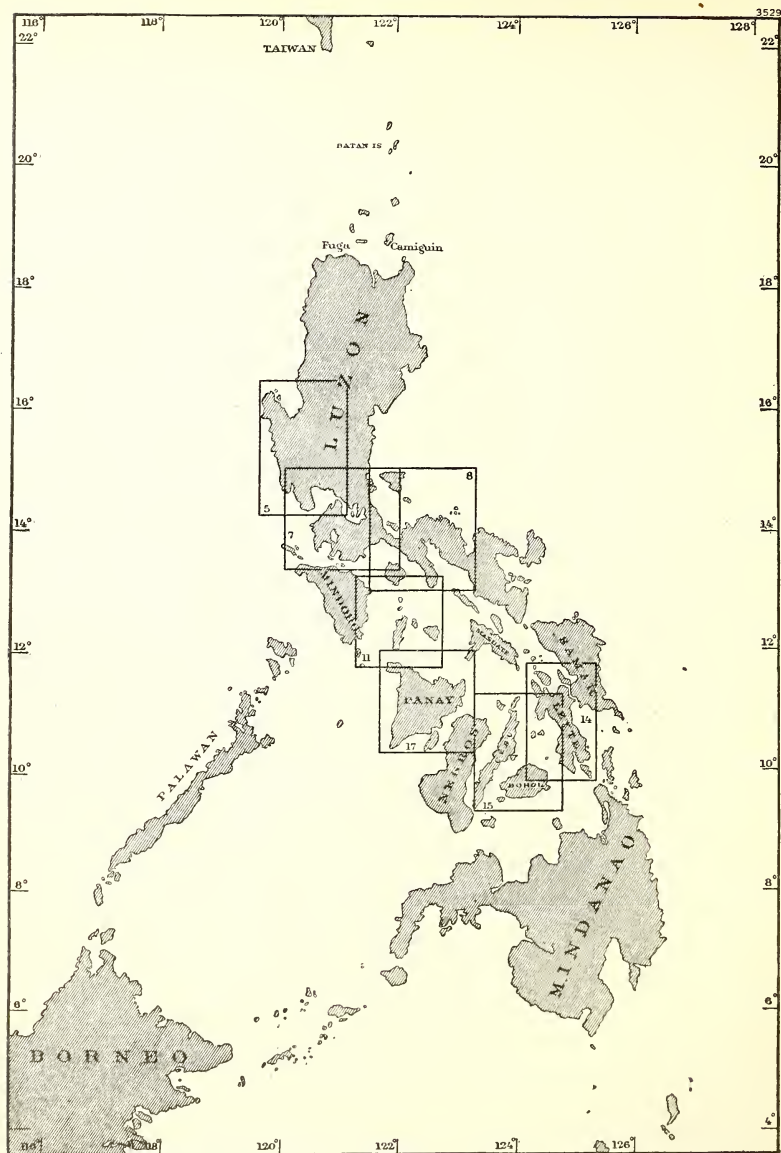
Catalogue number.	TITLE.	Island.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
4654	Mindanao River Delta and Polloc Harbor.....	Mindanao.....	$\frac{1}{50,000}$	1.46	34×41	1917	\$0.40
	Parang and Polloc anchorages.....		$\frac{1}{20,000}$	3.65			
	Mindanao River anchorage and Cotabato entrance.....		$\frac{1}{20,000}$	3.65			
4655	Mindanao River, upper part.....	Mindanao.....	$\frac{1}{50,000}$	1.46	34×42	1909	.40
4606	Port Sibulan to Polloc Harbor.....	Mindanao.....	$\frac{1}{200,000}$	0.36	28×37	1915	.50
4652	Harbors in Illana Bay.....	Mindanao.....			31×33	1912	.30
	Port Sibulan.....		$\frac{1}{60,000}$				
	Port Baras.....		$\frac{1}{20,000}$				
	Limbug Cove.....		$\frac{1}{15,000}$				
	Port Sambulauan.....		$\frac{1}{30,000}$				
	Pagadian Bay.....		$\frac{1}{50,000}$				
	Maligay Bay.....		$\frac{1}{50,000}$				
4607	Cotabato to Sarangani Bay.....	Mindanao.....	$\frac{1}{200,000}$	0.36	31×41	1917	.50





PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.  
GEOGRAPHICAL ARRANGEMENT.

Catalogue number.	TITLE.	Island.	SCALE.		Size of border (inches).	Date of last edition.	Price.
			Average.	Inches to nautical mile.			
	COAST AND HARBOR CHARTS—Continued.						
4653	Harbors on the south coast of Mindanao.....				25 × 34	1910	\$0.30
	Lavigan Anchorage.....	Mindanao.....	$\frac{1}{5,000}$	14.59			
	Port Patuco, west coast.....	Sarangani.....	$\frac{1}{10,000}$	7.30			
	Port Bolay, west coast.....	Sarangani.....	$\frac{1}{5,000}$	14.59			
	Port Tumanao, west coast.....	Sarangani.....	$\frac{1}{15,000}$	4.86			
	Canalasan Cove.....	Mindanao.....	$\frac{1}{20,000}$	3.65			
	Basianang Bay (see page 188).....	Mindanao.....	$\frac{1}{20,000}$	3.65			
	Port Lebak (see page 188).....	Mindanao.....	$\frac{1}{20,000}$	3.65			
	Tucuran (see page 188).....	Mindanao.....	$\frac{1}{5,000}$	14.59			
	Port Banga (see page 182).....	Mindanao.....	$\frac{1}{20,000}$	3.85			
4649	Malalag Bay, south coast.....	Mindanao.....	$\frac{1}{20,000}$	3.85	23 × 25	1907	.20
4623	Southern part of Davao Gulf.....	Mindanao.....	$\frac{1}{100,000}$	0.73	32 × 41	1913	.40
4624	Northern part of Davao Gulf.....	Mindanao.....	$\frac{1}{100,000}$	0.73	32 × 39	1909	.40
	Davao Anchorage.....		$\frac{1}{20,000}$	3.85			
	Malipano Anchorage.....		$\frac{1}{20,000}$	3.85			
4625	Cape San Augustin to Mayo Bay.....	Mindanao.....	$\frac{1}{100,000}$	0.73	26 × 40	1914	.40
	Balete Bay.....		$\frac{1}{20,000}$	3.85			



# TOPOGRAPHIC MAPS OF THE PHILIPPINE ISLANDS.

Catalogue No.	TITLE.	Scale.	Size.	Date.	Price.
5	Central Luzon.....	200,000	<i>Inches.</i> 32 by 50	1912	\$0.50
7	Southern Luzon.....	200,000	36 by 44	1913	.50
8	Southern Luzon—central sheet.....	200,000	38 by 45	1916	.75
11	Islands of Tablas, Romblon, and Sibuyan.....	200,000	30 by 32	1913	.50
14	Leyte.....	200,000	24 by 44	1914	.50
15	Cebu and Bohol.....	200,000	38 by 44	1915	.75
17	Panay.....	200,000	35 by 33	1912	.50





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NUMERICAL ARRANGEMENT OF CHARTS.

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(195)



# NUMERICAL ARRANGEMENT OF CHARTS.

CHART No.	Price.	Page.		CHART No.	Price.	Page.		CHART No.	Price.	Page.		CHART No.	Price.	Page.
U	\$0.50	91		157	\$0.50	57		182	\$0.50	73		207	\$0.50	83
21	.50	21		158	.50	59		183	.50	73		208	.50	83
51	.50	21		159	.50	59		184	.50	73		209	.50	83
52	.50	21		160	.50	59		185	.50	75		210	.50	85
77	.50	21		161	.50	61		186	.50	75		211	.50	85
78	.50	21		162	.50	61		187	.50	75		212	.50	85
101	.50	23		163	.50	61		188	.50	75		215	.50	33
102	.50	23		164	.50	63		189	.50	75		216	.50	33
103	.50	23		165	.50	63		190	.50	77		217	.50	33
104	.50	25		166	.50	63		191	.50	77		218	.50	33
105	.50	27		167	.50	63		192	.50	77		225	.50	25
109	.50	29		168	.50	65		193	.50	77		228	.25	27
111	.50	29		169	.50	65		194	.50	77		229	.30	27
112	.50	29		172	.50	65		195	.50	77		242	.30	29
113	.50	29		173	.50	65		196	.50	77		243	.50	29
148	.50	53		174	.50	67		197	.50	79		244	.25	29
150	.50	53		175	.50	69		198	.50	79		246	.50	29
151	.50	53		176	.50	69		199	.50	79		247	.25	31
152	.50	55		177	.50	69		200	.50	79		248	.50	29
153	.50	55		178	.50	71		201	.50	79		249	.50	31
154	.50	55		179	.50	71		202	.50	79		250	.25	29
155	.50	57		180	.50	71		203	.50	81		251	.50	31
156	.50	57		181	.50	71		204	.50	81		252	.50	31



## NUMERICAL ARRANGEMENT OF CHARTS—CONTINUED.

CHART No.	Price.	Page.		CHART No.	Price.	Page.		CHART No.	Price.	Page.		CHART No.	Price.	Page.
254	\$0.25	33		288	\$0.25	27		314	\$0.25	27		352	\$0.20	31
255	.25	33		289	.25	27		315	.25	27		353	.75	31
256	.25	33		293	.50	33		315 <sub>a</sub>	.20	27		353 <sup>2</sup>	.40	31
262	.25	31		294	.50	41		317	.20	25		354 <sub>a</sub>	.20	31
263	.50	35		295	.50	41		318	.20	25		355	.20	31
264	.50	35		296	.50	41		319	.20	25		356	.50	31
265	.50	35		297	.25	31		320	.20	25		357	.20	31
266	.50	35		298	.25	35		321	.20	25		358	.40	33
267	.50	35		299	.25	35		325	.40	27		359	.40	33
268	.50	35		300	.25	23		327	.20	27		361 <sup>4</sup>	.30	35
269	.50	35		301	.25	23		0329	.25	27		366	.20	35
270	.50	35		303	.25	23		330	.20	27		367	.20	35
271	.50	35		304	.25	23		331	.25	27		368	.20	35
272	.50	39		305	.25	23		337	.50	29		369	.75	39
273	.50	39		306	.25	25		338	.25	29		369 <sup>4</sup>	.50	39
274	.25	39		307	.25	25		339	.20	29		369 <sup>5</sup>	.50	39
275	.30	29		308	.25	25		340	.20	29		369 <sup>8</sup>	.50	39
278	.50	31		309	.25	25		341	.20	29		375	.50	39
281	.50	37		310	.25	25		343	.25	31		376	.50	15
282	.50	37		311	.25	25		345	.25	31		379	.25	41
283	.50	37		311 <sub>a</sub>	.20	25		346	.25	31		380	.50	41
284	.50	37		312	.25	27		347	.25	31		381	.50	41
287	.50	39		313	.25	27		348	.25	31		385	.50	45

## NUMERICAL ARRANGEMENT OF CHARTS—CONTINUED.

CHART No.	Price.	Page.		CHART No.	Price.	Page.		CHART No.	Price.	Page.		CHART No.	Price.	Page.
400	\$0. 50	47		450	\$0. 50	57		529	\$0. 50	47		584	\$0. 50	65
406	. 20	49		451	. 30	47		530	. 50	47		901	. 50	87
409	. 10	49		453	. 25	59		531	. 50	47		902	. 50	87
413	. 25	75		455 <i>b</i>	. 40	59		532	. 50	81		903	. 50	87
420	. 25	51		455 <i>c</i>	. 40	59		534	. 50	45		904	. 50	87
421	. 20	51		455 <i>d</i>	. 40	59		535	. 50	45		908	. 50	87
422	. 25	53		458	. 40	59		536	. 50	45		909	. 25	87
424	. 50	53		465	. 15	63		537	. 50	49		913	. 50	87
425	. 50	53		471 <i>a</i>	. 25	67		538	. 50	49		914	. 50	87
428	. 25	55		473	. 25	69		539	. 50	45		915	. 25	87
431	. 50	55		474	. 25	69		541	. 50	39		916	. 25	87
434	. 20	55		477	. 25	69		542	. 50	39		917	. 50	87
435	. 20	55		480	. 20	71		543	. 30	39		918	. 25	87
436	. 25	55		490	. 25	75		544	. 30	39		920	. 50	87
437	. 25	57		494	. 50	47		548	. 50	45		921	. 50	87
440	. 50	57		495	. 50	47		549	. 50	45		922	. 25	87
441	. 25	57		504	. 50	47		557	. 50	45		927	. 50	87
443	. 25	57		508	. 25	59		558	. 50	45		928	. 50	87
444	. 25	57		509	. 25	59		559	. 50	45		929	. 50	87
445	. 50	55		517	. 50	81		560	. 50	45		931	. 50	87
446	. 25	57		518	. 20	79		571	. 50	57		932	. 25	87
447	. 25	57		520	. 15	81		577	. 50	59		933	. 30	87
448	. 25	57		525	. 50	81		578	. 50	39		950	. 50	89

## NUMERICAL ARRANGEMENT OF CHARTS—CONTINUED.

CHART No.	Price.	Page.		CHART No.	Price.	Page.		CHART No.	Price.	Page.		CHART No.	Price.	Page.
952	\$0.50	89		1212	\$0.50	33		1281	\$0.50	81		4108	\$0.25	147
953	.30	89		1213	.50	33						4109	.50	147
954	.30	89		1214	.50	37						4115	.50	147
1000	.50	19		1215	.50	37						4116	.50	147
1001	.50	19		1216	.50	41						4117	.50	147
1002	.50	19		1217	.50	41		3032	.50	15		4200	.50	149
1007	.50	19		1218	.50	41		3035	.30	15		4202	.50	147
1106	.50	21		1219	.50	43		3035 <i>a</i>	.50	15		4207	.40	153
1107	.50	21		1220	.50	43		3035 <i>b</i>	3.00	15		4208	.40	153
1108	.50	21		1221	.50	43		3036	.30	15		4209	.40	155
1109	.50	21		1222	.50	43		3043	.30	15		4210	.40	155
1110	.50	21		1223	.50	43		3055	.50	15		4214	.40	159
1111	.50	21		1224	.50	43		3059	.25	15		4218	.50	163
1112	.50	21		1225	.50	45		3081	.20	15		4219	.40	165
1113	.50	21		1226	.50	45		3101 to 3190	.10	15		4220	.40	165
1114	.50	21		1227	.50	47						4221	.50	165
1115	.50	21		1228	.50	49		4101	.20	147		4222	.40	165
1116	.50	21		1229	.50	49		4102	.50	147		4223	.40	163
1204	.50	27		1231	.50	49		4103	.25	147		4226	.50	157
1205	.50	27		1232	.50	49		4104	.25	147		4235	.30	155
1206	.50	27		1233	.50	51		4105	.30	147		4236	.30	155
1208	.50	29		1234	.50	51		4106	.25	147		4237	.30	165
1211	.50	37		1252	.50	67		4107	.25	147		4238	.40	155

## NUMERICAL ARRANGEMENT OF CHARTS—CONTINUED.

CHART No.	Price.	Page.		CHART No.	Price.	Page.		CHART No.	Price.	Page.		CHART No.	Price.	Page.
4239	\$0.30	155		4339	\$0.30	159		4423	\$0.40	177		4511	\$0.50	183
4246	.20	155		4340	.30	159		4424	.40	177		4512	.40	183
4255	.40	155		4342	.30	159		4425	.40	177		4514	.40	181
4257	.30	159		4343	.30	169		4426	.40	177		4541	.30	183
4258	.20	165		4344	.30	159		4427	.40	175		4542	.30	183
4259	.30	165		4346	.30	169		4428	.40	173		4543	.30	183
4260	.30	153		4347	.30	179		4429	.40	173		4544	.30	181
4262	.30	153		4348	.30	179		4430	.40	173		4603	.50	177
4263	.20	153		4349	.40	169		4431	.40	173		4604	.50	185
4265	.30	157		4351	.40	159		4432	.40	173		4606	.50	189
4266	.30	155		4405	.50	173		4447	.30	173		4607	.50	189
4267	.30	161		4410	.40	161		4448	.30	173		4617	.40	183
4268	.30	163		4411	.40	161		4449	.30	165		4623	.40	191
4269	.30	167		4412	.40	161		4453	.30	161		4624	.40	191
4270	.30	151		4413	.40	173		4454	.30	161		4625	.40	191
4271	.30	163		4414	.40	161		4455	.30	163		4626	.40	187
4272	.30	163		4415	.40	171		4456	.30	167		4627	.40	187
4273	.20	163		4416	.40	173		4459	.30	173		4628	.40	187
4305	.50	159		4417	.40	173		4463	.30	173		4629	.40	177
4309	.40	179		4418	.40	165		4464	.30	177		4638	.30	177
4316	.40	169		4420	.40	165		4465	.30	175		4639	.30	185
4337	.30	159		4421	.40	165		4466	.30	175		4640	.30	185
4338	.30	159		4422	.40	165		4467	.30	177		4141	.10	185



## NUMERICAL ARRANGEMENT OF CHARTS—CONTINUED

CHART No.	Price.	Page.		CHART No.	Price.	Page.		CHART No.	Price.	Page.		CHART No.	Price.	Page.
4645	\$0.30	183		5106	\$0.25	93		5618	\$0.25	103		6058	\$0.30	111
4647	.30	187		5126	.25	93		5627	.20	103		6088	.25	111
4649	.20	191		5128	.20	93		5651	.20	103		6100	.50	113
4651	.30	187		5143	.25	93		5702	.50	107		6112	.25	113
4652	.30	189		5144	.25	93		5703	.50	105		6122	.20	113
4653	.30	191		5145	.25	93		5705	.50	105		6146	.25	113
4654	.40	189		5202	.50	95		5719	.20	105		6151	.50	113
4655	.40	189		5261	.25	95		5773	.20	105		6152	.50	113
4705	.50	149		5302	.50	99		5795	.40	105		6153	.50	113
4706	.50	149		5386	.20	97		5802	.50	109		6154	.50	113
4707	.50	149		5402	.50	99		5819	.25	107		6185	.50	113
4708	.50	149		5403	.50	99		5832	.50	107		6195	.25	113
4714	.50	149		5476	.50	99		5846	.20	107		6265	.40	115
4715	.50	149		5502	.50	103		5895	.20	107		6300	.50	117
4716	.50	149		5520	.15	101		5909	.20	109		6303	.25	117
4718	.50	149		5525	.20	101		5923	.25	109		6377	.25	117
4719	.50	149		5530	.50	101		5951	.25	109		6378	.25	117
4720	.50	149		5531	.50	101		5952	.20	109		6380	.50	117
4722	.50	149		5532	.50	101		5971	.25	109		6381	.50	117
4723	.50	149		5533	.50	101		5984	.25	109		6399	.15	117
5002	.50	91		5534	.50	101		6000a	.30	111		6400	.50	119
5052	.50	91		5599	.20	101		6003	.20	111		6403	.25	117
5102	.50	93		5602	.50	105		6023	.25	111		6405	.25	117

## NUMERICAL ARRANGEMENT OF CHARTS—CONTINUED.

CHART No.	Price.	Page.		CHART No.	Price.	Page.		CHART No.	Price.	Page.		CHART No.	Price.	Page.
6412	\$0.15	117		8124	\$0.25	123		8229	\$0.25	129		8502	\$0.50	91
6440	.25	117		8150	.50	{ 119 123		8235	.25	129		8513	.25	133
6443	.50	117		8151	.50	123		8237	.10	129		8515	.50	133
6444	.50	117		8153	.30	123		8241	.50	127		8517	.50	133
6445	.50	117		8154	.25	123		8242	.25	127		8519	.50	133
6446	.25	117		8155	.50	123		8243	.25	125		8520	.50	133
6448	.25	117		8157	.50	123		8244	.50	129		8523	.50	133
6450	.50	117		8160	.50	123		8246	.50	127		8524	.25	133
6451	.25	117		8162	.50	123		8247	.50	125		8525	.30	133
6460	.50	117		8168	.15	123		8250	.50	{ 119 127		8527	.50	133
6462	.25	117		8170	.50	123		8262	.25	129		8538	.25	133
7002	.50	91		8174	.15	123		8280	.50	131		8550	.50	133
8002	.50	91		8176	.25	123		8281	.50	129		8553	.50	133
8051	.25	121		8178	.....	.....		8282	.50	129		8554	.50	133
8068	.25	121		8179	.15	123		8283	.50	129		8555	.50	135
8074	.50	121		8200	.50	{ 119 127		8285	.25	129		8557	.50	133
8075	.50	121		8210	.50	127		8300	.50	{ 119 131		8570	.50	135
8076	.25	121		8214	.25	127		8302	.50	131		8588	.25	133
8077	.25	121		8216	.25	127		8303	.50	131		8589	.50	133
8084	.25	121		8218	.25	127		8304	.50	131		8665	.50	133
8094	.50	121		8224	.25	127		8305	.25	131		8700	.50	135
8100	.50	{ 119 121		8227	.25	127		8306	.25	131		8703	.50	135
8105	.50	123		8228	.25	127		8455	.25	133		8802	.50	91

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